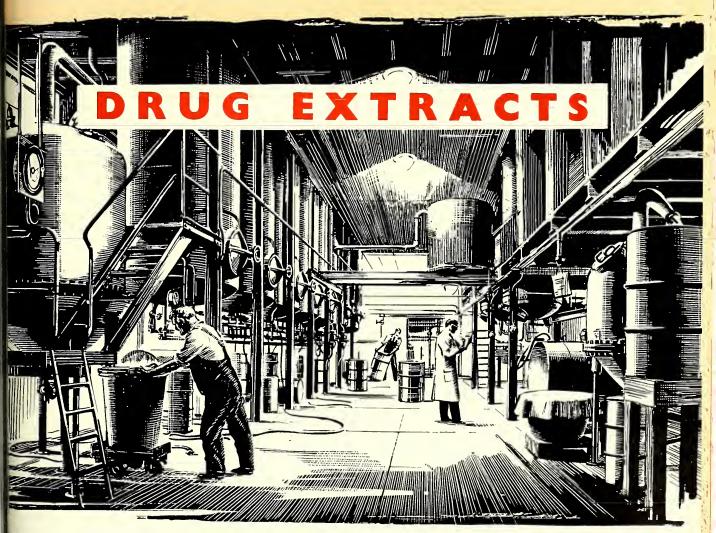




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Volume 174

NOVEMBER 19, 1960

No. 4214

# Increased N.H.S. Estimates

# EFFECT OF AWARDS TO DOCTORS

A SUPPLEMENTARY estimate for £42,877,600 for the National Health Service was submitted to Parliament on November 15 in respect of the year ending March 31, 1961. The new estimate brings the cost of the N.H.S. in England and Wales to £556,838,085 and in Scotland to £69,544,850.

Of the £37,665,600 now required for the service in England and Wales, £35,978,200 is necessary for the increased remuneration for doctors and dentists awarded on the basis of the Pilkington report issued earlier this year (C. & D., February 27, p. 227). £21.4 millions covers the period March 1, 1957, to March 31, 1960, and the balance of £14,578,500 represents the costs of the awards for a year. Another £6.4 millions is required for other salary and wage awards to staff. The additional sum required for the service in Scotland is £5,212,000, of which £5,124,000 represents the Pilkington awards. £2,907,300 covers arrears for the period March 1, 1957, to March 31, 1960, and the balance of £2,216,700 represents a year's cost. £788,000 is required for other salary and wage awards.

## Anglo-Rumanian Trade

#### QUOTAS FIXED FOR PHARMACEUTICALS

A THREE-YEAR trade arrangement was signed in London on November 10 between Britain and Rumania which provides for the establishment of annual quotas for trade in each direction. Quotas negotiated for the first period ending September 30, 1961, made provision for Rumanian purchases of some £44 millions worth of United Kingdom goods. The quota lists also provide for the issue of United Kingdom import licences for Rumanian goods up to a total of about £34 millions. That is additional to the trade in goods which can, under United Kingdom import licensing regulations, be imported from Rumania and other countries without specific import licences, Rumanian goods for import into the United Kingdom and their quota value during the period include the following:— Honey, £35,000; chemicals (subject to type), £50,000; pharmaceuticals (subject to type), £60,000; and toilet preparations, £20,000. Quotas for trade in the reverse direction include cod-liver oil, £15,000; essential oils and flavouring essences, £10,000; chemicals, including pharmaceuticals, £400,000; and safety razors and blades, £10,000.

#### Public Health Bill

CHARGES FOR TRADE EFFLUENTS

THE Public Health Bill, published on November 11, provides for the replacement of local building by-laws by building regulations made by the Minister of Housing and Local Government and applicable throughout England and Wales outside the County of London, It would also amend provisions of the Public Health (Drainage of Trade Premises) Act, 1937, and incorporate into the general law a number of provisions dealing with various aspects of public health which are already included in local Acts. The Bill proposes amendment of the Public Health (Drainage of Trade Premises) Act, 1937, to enable local authorities to make charges (subject to right of appeal to the Minister) for the reception into the public sewerage system of certain trade effluents whose dis-

charge had commenced before the 1937 Act was passed.

# Pharmacy Exhibition

VENTURE BY N.P.U. AND UNICHEM

UNICHEM, Ltd., and the National Pharmaceutical Union are jointly sponsoring a "Modern Pharmacy" exhibition in the Royal Horticultural Society's old hall, Vincent Square, London, S.W.1, May 16–18, 1961. The dates have been chosen to coincide with the annual meeting of the Pharmaceutical Society and the Society's meeting and the annual meeting of the Unichem Association. The N.P.U. are understood to be organising a conference to be held at the same time. Emphasis in the exhibits will not include pharmaceutical specialities. Intending exhibitors should write to John E. Colley, 114 North View, Eastcote. Pinner, Middlesex.

#### Steriliser Boxes

A NEW STANDARD

TWO sizes of rectangular metal boxes, suitable for holding dressings and surgical rubber gloves and intended for use with high vacuum steam sterilisers, are specified in a new British Standard for rectangular metal boxes for use in



DISCOURSE ON PSYCHOTHERAPY: A group at the William R. Warner & Co., Ltd., stand at the London Medical Exhibition (report, p. 630). At left are the exhibition manager (Mr. S. Palmer, British and Colonial Druggist, Ltd.), and Professor Martin Roth (professor of psychological medicine, Durham University); at right is Mr. S. Gregory (regional manager for Messrs, Warner). The group is completed by a "patient" showing typical symptoms—a lifesize model of a character out of Hogarth's "Scenes from Bedlam," which also forms a backcloth to the stand.

high vacuum steam sterilisers (B.S. 3281). Requirements are also laid down which ensure that the container is of robust construction and that there is adequate means of ingress or egress of steam and air. The standard has been published to ensure that the best use is made in the available space in the sterilising chamber of the sizes specified in B.S. 3220, "Horizontal rectangular hospital sterilisers — pressure steam type." Copies of the new standard may be obtained from the British Standards Institution, 2 Park Street, London, W.1, price 3s. each.

## Sulphuric Acid

THIRD QUARTER'S PRODUCTION

PRODUCTION of sulphuric acid by members of the National Sulphuric Acid Association, Ltd., in the quarter ended September 30 amounted to 669,848 tons calculated as 100 per cent. H<sub>2</sub>SO<sub>1</sub>. The amount sold during the period was 673,139 tons, The figures exclude acid from Government plants.

#### Colour Prints on Show

KODAK SCHOLARSHIP HOLDERS' WORK

WORK done during their three months' course by the six Kodak colour scholarship holders, 1959-60, is being exhibited at Kodak House, Kingsway, London, W.C.2, November 18 to December 3 (Monday to Friday, 9.30 a.m. to 5 p.m.; Saturday, 9.30 a.m. to 11.30 a.m.). The show consists of a large collection of 16 x 20-in, mounted Ektacolor prints. A small selection of the pictures is on view at the Kodak stand at the second Industrial photographic and Television Exhibition at the Albert Hall, London, November 21-25.

#### Medical Film Guide

NEW EDITION ENVISAGED

THE Scientific Film Association is revising its records of films of interest to medical audiences as a preliminary to the preparation of a new edition of its guide. The records include details of some 2,000 films which are known to be generally available to members of the medical and allied professions,

from sources in Britain, In order to keep the records as comprehensive as possible, the Association would like to receive details of any films not previously included in its publications, or even information about where such details may be obtained. In some cases a film may exist where its owner is not prepared to lend it. If the film is worthy of wider distribution, the Association may be able to have copies made for distribution by an established film library.

# Weights and Measures

INSPECTIONS AT PHARMACIES

CHEMISTS' shops have been picked out for mention in the recently published annual reports of weights and measures inspectors for Southend-on-Sea and for Derbyshire. At Southend, all the premises of chemists and drug-gists were visited during the year. About 2,000 apothecaries' weights were tested, and about 20 per cent, were found incorrect, the majority being totally rejected. Less than 5 per cent, of the avoirdupois weights on the same premises were found incorrect (they had been tested regularly over the past five years). Of personal weighing-machines, seventy-four out of 241 were found incorrect; they were repaired, corrected and restamped for the start of the summer season. The report expressed a hope that legislation would be introduced making it illegal to sell any commodity short of weight or measure. In Derbyshire "particular attention" was paid to the machines in use at chemists' shops for weighing babies and toddlers. All recently installed machines were found to comply fully with the local by-laws.

#### IRISH NEWS

THE NORTH

#### **Benevolent Fund**

GOOD SUPPORT FOR ANNUAL BALL

MORE than 300 dancers attended the annual ball in aid of the Northern Ireland Chemists' Benevolent Fund, held in Belfast on November 10. The guests

included Messrs, F. Loughman, T.D. (president, Pharmaceutical Society of Ireland); A. Officer (chairman, Scottish Executive of the Pharmaceutical Society of Great Britain), and Mrs. Officer; Mr. G. O'Neill (vice-president, Pharmaceutical Society of Ireland), and Mrs. O'Neill; Mr. M. Costello (treasurer, Pharmaceutical Society of Ireland), and Mrs. Costello; Mr. J. N. Patterson (pharmaceutical inspector, Northern Ireland Ministry of Home Affairs), and Mrs. Patterson; Mr. W. J. Moffett (president, Ulster Chemist's Association), and Mrs. Moffett, and Miss A. E. Strachan (secretary, Ulster Chemists' Association). The dance was preceded by a dinner attended by the guests and members of the Council of the Pharmaceutical Society of Northern Ireland and their friends.

THE REPUBLIC

# **Opticians Annoyed**

" A GRAVE INJUSTICE " SAYS PRESIDENT

THE omission of the ophthalmic optician as a refractionist under the Department of Social Welfare's optical benefit scheme and other schemes administered by the Department of Health and Local Government, was described by Mr. T. R. Miller (president, Association of Ophthalmic Opticians of Ireland) as a "grave injuswhen he spoke at the Association's annual dinner-dance, Dublin, on November 1. "You must be aware that the Minister has so far failed to reach any decision in the matter," said Mr. Miller. "While I can appreciate that the Minister may have some difficulties I would like to make it clear that we rightly regard ourselves as specialists in the matter of refraction. and we do not believe that anyone can conscientiously oppose the exercise of our training and education to a large section of the community who may wish to avail of it. The passing of the Opticians' Act, with its implicit recognition of the competence of opticians to cater for the ophthalmic needs of the public, makes their continued exclusion from State-administered ophthalmic schemes inexcusable.'



PAST AND PRESENT: At the recent half-yearly meeting of the Association of British Pharmaceutical Industry at Torquay, October 26-28, twelve past and present officers of the Association were present. They are shown here. From left to right: Mr. C. M. Hill (past president), Dr. T. H. M. Kerfoot (past president), Mr. J. F. Boucher (past president), Mr. H. C. H. Graves (past treasurer), Mr. G. T. Morson (treasurer), Mr. J. C. Hanbury (past president), Mr. H. W. Palmer (president), Mr. R. L. Taylor (past president, trustee), Dr. D. E. Wheeler (vice-president), Mr. C. L. Saul (past president, honorary member), Col. S. Watson (past chairman (of the Wholesale Drug Trade Association) (honorary member), Mr. E. D. Carey (immediate past president).

# TOPICAL REFLECTIONS

By Xrayser

### Confusion

I have seldom found myself so completely at sea as I have on reading the extracts from the Weights and Measures Bill (p. 600). It appears, from the wording, that from the time the provisions of the bill become operative, to the time when the apothecaries' system is declared void—a minimum period of five years—"transactions" in drugs must be either in the apothecaries' or the metric system. At the end of the prescribed period, the ounce apothecary, drachm, scruple, fluid drachm and minim will not be officially recognised or allowed to be used "in trade." If "transactions" means the sale by retail of drugs, wherein does that differ from "in trade "? And where, at the present time, are such transactions carried out in the apothecaries' system, so far as solids are concerned? How many pharmacists possess a complete set of apothecary weights? And, if asked for three-quarters of a pound of Epsom salts, is the pharmacist to convert twelve apothecary ounces into thirteen avoirdupois ounces plus seventytwo-and-a-half grains? Or are we to attempt to procure a complete set of apothecary weights now, and pay a fine for having them in our possession at the end of five years? The questions are endless. I have even wondered not having seen the Bill itself—if one of the precise draftsmen of the Bill has misplaced a word—the most dangerous word of all to use, viz. "only." You quote, in your editorial comment that "transactions in drugs shall, after the provisions take effect, be carried out only in apothecaries' or metric measures until such time as the Board of Trade decides to make the use of the apothecaries' system illegal in respect of transactions in trade." That would be different from saying transactions in drugs shall be carried out in both systems only until such time as the Board of Trade decided, etc. But that does not seem to be the intention.

## Big business

Balance sheets have never been a strong suit of mine, otherwise I should have been aware that running the Pharmaceutical Society is really Big Business. I was astonished to learn from the report of the November Council meeting that a bill of £1,200 had at one time been incurred in seeking consultant advice on organisation and methods. That seems, to the uninitiated, to be a large sum. Even more surprising was Mr. Hudson's admission that "he could not say that these gentlemen had produced anything that was new except the addition of about £1,200 on the bill." Did the gentlemen, in fact, find that the organisation was beyond criticism? Or beyond help? (It has taken as long as three weeks to acknowledge receipt of my retention fee.) Unconnected with the expenditure revealed by Mr. Hudson, it now seems that Bloomsbury Square is to be enriched by the addition of an accounting, a duplicating, and a postal-franking machines. That may expedite matters. But in view of such expenditure, it seems an odd sort of economy to save on the cost of minute books by the introduction of a loose-leaf system. I am in complete agreement with Mr. J. B. Grosset, who invoked the aid of St. Peter in his objection to the change suggested. A book is a bound volume. Then, of course, there is St. Stephen, whose influence on our legislation is profound. Regulation 37 (k) of the Dangerous Drugs Act states: "Register means a bound book and does not include any form of loose-leaf register." I note that the matter will be raised again.

### Premature birth

Pharmacists at the annual dinner of the South-eastern Federation of Pharmacists had the opportunity of hearing Miss C. Mozley-Stark, F.P.S. (a pharmaceutical adviser to the Ministry of Health). She is reported as having said (p. 599) "Prescriptions dispensed under the National Health Service today were three times as numerous as in 1947." I had thought that the National Health Service was born in 1948. If the comparison was between N.H.I. and N.H.S. that should have been made clear, for such comparison is valueless.

gratulating successful candidates who had qualified as opticians this year, the president, in welcoming them into the profession, said that by their industry and study they had fitted themselves for a profession which now had State recognition. They had a vital and important contribution to make. "Our optical educational standard is high, and in some cases, higher than ophthalmic courses in other countries. With this training and qualification the ophthal-mic optician takes his place alongside other professions in the land. All this is as it should be, and our Association has been striving to achieve it down the years." Mr. C. S. Flick (president, British Optical Association) said that he was pleased to see that the Asso-ciation had realiscd the importance of study, and paid tribute to the work being done by Mr. Martin Cranley in connection with the three-year, full-time day course at the Institute of Science and Technology, Mr. I. H. Barry (registrar, Opticians' Board) said that he hoped that legislation would be introduced shortly to enable the setting up of a disciplinary body.



Mr. J. Crilly, F.A.O.I. (president, Irish Pharmaceutical Students' Association) receives his diploma from Mr. T. R. Miller (president, Association of Ophthalmic Opticians of Ireland) while Mr. Frank Loughman, T.D. (president, Pharmaceutical Society of Ireland) looks on (centre). Mr. Loughman is also a registered optician and Mr. Miller is a member of the Council of the Pharmaceutical Society of Ireland. Mr. Crilly served his apprenticeship with Mr. Miller.

### IRISH BREVITIES

THE REPUBLIC

LIMERICK chemists' annual ball in aid of the Benevolent Fund of the Pharmaceutical Society of Ireland is being held at Cruise's hotel, Limerick, at 10 p.m., on November 30. Tickets (25s. each) from Mr. P. J. Hogan, M.P.S.I., 45 Upper William Street, Limerick.

### NEWS IN BRIEF

BOURNEMOUTH Branch of the Pharmaceutical Society and West Middlesex Chemists' Association recently participated in local careers exhibitions.

THERE is to be no contest in any section of the Proprietary Articles Trade Association Council election and retiring members are returned unopposed.

THE Public Health (Infectious Diseases) Amendment Regulations, 1960 (H.M. Stationery Office, price twopence) require general practitioners to report cases of anthrax to the appropriate medical officer of health.

# Pharmaceutical Specialities on Exhibition

DOCTORS SHOWN MANUFACTURERS' LATEST PRODUCTS

THE London Medical Exhibition was opened on November 14 by Professor Martin Roth (professor of psychological medicine, Durham University), During his speech he referred to the £4 millions spent on research each year by pharmaceutical firms, He said "If their success had been confined to new drugs introduced in recent years for the treat-ment of psychiatric disorders, the relief it has brought to some of the most terrible affiictions known to man would have made it worth while." By that achievement alone the industry had earned the gratitude of the medical profession and the community. The brightest prospects of future advance were in the collaboration between the members of the pharmaceutical industry, the medical profession and allied disciplines in hospitals, universities, and the community at large, with mutual respect and understanding for each other's problems, difficulties, values and needs.

Among the products on show for the

first time were

ABICOL tablets, each containing reserpine 0-15 mgm, and bendrofluazide 2.5 mgm. Antihypertensive with added sedative and diuretic effects, Available in containers of 100 and 500, (Boots Pure Drug Co., Ltd., Station Street, Nottingham.)

ACTIFED Compound Linctus contains triprolidine hydrochloride mgm., pseudoephedrine hydrochloride 20 mgm., codeine phosphate 7.5 mgm. in each fld, drachm. It is recommended in simple cough and cough associated with the common cold, Available in bottle of 4 and 20 fl, oz, (Burroughs Wellcome & Co., 183 Euston Road, London, N.W.1.)

BENGUE'S BALSAM was exhibited

in two forms. The original preparation in a new blue black and white carton, and a new stainless and greaseless formulation in a red, black and white carton. (Bengué & Co., Ltd., Mount Pleasant, Wembley, Middlesex.)

DENISOL denture cleansing paste. For quick cleansing of dentures using a brush. Issued in carton containing a collapsible tube. (Savory & Moore, collapsible tube. (Savory & Moore, Ltd., 60 Welbeck Street, London, W.1.)

DEPINAR for intramuscular administration of vitamin B<sub>12</sub>. The vitamin is presented in a zinc tannate complex of high insolubility which is only slowly absorbed, and free uncomplexed vitamín B12 which is immediately absorbed from the injection site. Available in 5-mil vials. (Armour Pharmaceutical Co., Ltd., Eastbourne.)

DETIGON linctus, for relief of unproductive cough. Each teaspoonful (4 mils) contains approximately 14 mgm, of 1-o-chlorophenyl-3-dimethylamino - 1 - phenylpropan - 1 - ol and 80 mgm, of potassium guiacol sulphonate. Issued in bottle of 4 fl, oz. (F,B.A. Pharmaceuticals, Ltd., 37 Bedford Row, London, W.C.1.)

DISTIVIT Elixir for use in children as a nutritional supplement. contains 20 microgm, of vitamin B<sub>12</sub> in each 3.5 mils and is issued in bottles of 4 fl, oz, (Distillers Co. (Biochemicals), Ltd, Speke, Liverpool, 24.)
FILON tablets, for appetite suppres-

sion. The marked anorectic effect is accompanied by mild C.N.S. stimulation. Each tablet contains 3-methyl-2phenylmorpholino - 8 - chlorotheophyllinate 30 mgm, and 2-(3-methyl-2phenylmorpholino) ethyl ~-phenylbuty-rate hydrochloride 20 mgm. Issued in bottle of 100. (West Pharmaceutical Co., Ltd., 9 Palmeira Mansions, Church Road, Hove, Sussex.)

LIBRIUM capsules, each containing

7 - chloro - 2 - methylamino - 5 - phenyl - 3H - 1,4benzodiazapine - 4 oxíde hydrochloríde 5 mgm. A psychotherapeutic drug. Available in bottles of twenty-five, 100 and 500.

LIGNAX ointment and suppositories, for treating haemorrhoids, anal fissures and pruritis ani. Active constituents: lignocaine hydrochloride, hamamelis and zinc oxide, Packs: boxes of twelve and 100 suppositories; tube of 20 gm. ointment with applica-tor, MINAC tablets, each containing aspirin gr. 5 buffered with magnesium carbonate gr. 2 and dihydroxyaluminium aminoacetate gr. 1. As an anal-gesic where aspirin is indicated. Issued in bottles of forty, 250 and 1,000. RHEUSALATE anti-rheumatic paste,

containing diethylamine salicylate 10 per cent., salicylamide 2 per cent. and ethyl nicotinate 2 per cent, in a watersoluble base. For the relief of pain



Above: Oblivon pædiatric elixir (Br.tish Schering, Ltd.); Phol-tex (Riker Laboratorics, Ltd.); Neovit (Rybar Laboratorics, Ltd ); Filon (West Pharmaceutical, Ltd.). Right: Actifed compound linetus (Burroughs Wellcome & Co.); Tripectol (Wiliows Francis, Ltd.); Distivit clivir (Distillers (Biochemicals), Ltd.). Below: Transid (Duncan, Flockhart & Co., Ltd.); Rinurel (Wm. R. Warner & Co., Ltd.).





Left: S7 Cream (Cal-mic, Ltd.); "new" Benguê's balsam (Beugué & Co., Ltd.); Denisot denture cleansing paste (Savory & Moore, Ltd.); Abicol (Boots Pure Drug Co., Ltd.).

Below: Predsol enema (Glaxo Laboratories,



bove: Sani-Touch disposable gloves (Armour Pharmaceutical Co., Ltd.); Vescodyne (Bengué & Co., Ltd.),





sociated with fibrositis, sprains and ains. Available in tube of 40 gm. MPECTOL linctus, for the managent of cough associated with bron-tis and asthma. Each teaspoonful fl. dr.) contains antazoline hydrooride 12.5 mgm., pholcodine 4 m. and ephedrine hydrochloride 8 m. Issued in bottles of 4, 20 and 80 pz. (Willows Francis, Ltd.), 73 Shacklell Lane, London, E.8.)

NEOVIT capsules and elixir, Multimin preparations, indicated in con-ons of general debility, Packs: Conters of thirty capsules, bottles of 4 18 fl. oz. elixir (Rybar Laboratories, Tankerton, Kent.)

BLIVON pædiatric elixir contain-methylpentynol 250 mgm. per teaonful (4 mils). For pædiatric use as ight and daytime sedative, and for operative medication. Available in

bottles of 100 and 500 mils.
PHOLTEX linctus for the treatment of unproductive cough. Each teaspoonful (4 mils) contains pholcodine 15 mgm. and phenyltoloxamine 10 mgm., both as resin complexes, in a pleasantly-flavoured thixotropic vehicle. Packs: Bottles of 2 and 20 fl. oz. Laboratories, Ltd., (Riker Loughborough, Leics.)

RINUREL tablets containing paracetamol 150 mgm., phenacetin 150 mgm., phenylpropanolamine hydrochloride 25 mgm. and phenyltoloxamine hydro-chloride 22 mgm. For relief of sinus headache and for controlling symptoms of the common cold. Issued in bottles of thirty and 250. (William R. Warner & Co., Ltd., Eastleigh, Hants.)

S.7., chemically known as bis-(2-hydroxy-5-chlorophenyl) sulphide, an antibacterial and fungicidal agent.

Three preparations each containing 1 per cent, of the compound were exhibited. The jelly has a glycerol jelly base; the cream, a water miscible base; the powder a starch derivative base. The jelly and cream are issued in 15 and 30 gm. tubes respectively. The powder is available in 15 or

75 gm. insufflators. (Calmic, Ltd., Crewe.) SUSTACOL, tablets containing homatropine methylbromide 7.5 mgm. and phenobarbitone 72.5 mgm. in a form allowing controlled release over a period of ten hours and recommended for the treatment of gastro-intestinal spasm. Issued in containers of 20 and dispensing packs of 200. (Pharmax, Ltd., Western House, Gravel Hill, Bexleyheath, Kent.)

TRANSID tablets each containing polyaminostyrene 0.3 gm. for the treatment of peptic ulcer, gastric hyperacidity and the dyspepsia of pregnancy. Issued in a foil pack in cartons of 100. (Duncan, Flockhart & Co., Ltd., Wheatfield Road, Edinburgh, 11.)

PREDSOL enema, for use in ulcerative colitis, contains prednisolone disodium phosphate 20 mgm, in each 100 mils. Supplied in boxes containing seven disposable plastic bag enemas. (Glaxo Laboratories, Ltd., Greenford, Mid-

dlesex.)

SANI-TOUCH disposable gloves were exhibited in small, medium and large sizes. The gloves are individually mounted on a continuous roll of paper which is unwrapped until a glove appears. The paper is torn off the roll with the glove adhering. The hand is then slipped into the pre-powdered

glove. The paper is removed and used later to wrap the contaminated glove. (Armour Pharmaceutical Co., Ltd., Hampden Park Fastbourne Sussex)

Hampden Park, Eastbourne, Sussex.)
WESCODYNE surgical, A non-ionic iodophor concentrate, providing not less than 2-4 per cent, of available iodine, When diluted, it acts as a broad-spectrum detergent-germicide. Issued in bottles of 16 and 80 fl, oz. (Bengué & Co., Ltd., Mount Pleasant,

Wembley, Middlesex).

Also noted were references to three products which although on clinical trial were not yet available for sale. They were Compound 12512, a new substance for the treatment of angina pectoris, and two long-acting compounds for the oral treatment of diabetes, B.H.135 and B.H.104 (Horlicks, Ltd., Pharmaceutical Division, Slough, Bucks.)

### **NEW PRODUCTS AND PACKS**

A New Soft Drink.—J. & J. Colman, Ltd., Carrow Works, Norwich, are introducing a whole grapefruit drink.

Eye-shadow Tint. — Coty (England), Ltd., 3 Stratford Place, London, W.1, have added a new colour, silver lilac, to their range of eye-shadow pencils.

"Sherry" Hair Shades. — A new series of shades in the Color-Glo series of hair tints comprises dark-brown, amber-brown, brown and light sherries. Makers are Golden, Ltd., 7 Grosvenor Street, London, W.1.

Indigestion Mixture, Laxative Tablets.—Cupal, Ltd., Blackburn. England, have launched two new specialities, Binasin indigestion mixture and Peplax laxative tablets. Each is available to chemists only. A carton crowner is supplied with every doz. Binasin. The product contains a mixture of quickacting and slow-acting antacids, and carragheenin, a medicament whose function is to line the gastric mucosa. Peplax is a tablet flavoured with peppermint and containing gr. 2 phenolphthalein. For the past eighteen months it has been reserved to selected export markets.

A Soap Against Acne.—The research organisation of Charles Bedeman, Ltd., 180 Queen's Road, London, S.E.15, have launched a new product, Deep soap treatment, containing Irgasan BS200, a compound claimed to clear greasy skin and acne by a method more lasting than direct detergent action. Irgasan BS200 is understood to be a more effective fungicide and bactericide than hexochlorophene. By eliminating the organisms it has a deodorising effect. The bacteriostat present is stated to be readily adsorbed, and to be retained on the skin, resisting the normal day's work and repeated skin washings. The soap is sold as a tablet.

A Hæmatinic Syrup.—Carlton Laboratories (Southern), Ltd., 2 Norfolk Square, Brighton, Sussex, are introducing to the medical profession in some southern areas a new hæmatinic, syrup Feravol, containing ferrous sulphate, vitamins B<sub>1</sub> and B<sub>2</sub> and C and 20 per cent. of glucose. Preliminary clinical reports are understood to show a daily increase in hæmaglobin, in cases of hypochromic anæmias, of as much as 1½-2 per cent. Syrup Feravol may safely be given to children as well as adults. Both the bitter taste of iron and vitamin B<sub>1</sub> are stated to have been "masked." The packs are 4-oz, and 8-oz, bottles and a winchester quart.

Luxuries for Shavers. — Ever-Ready Razor Products, Ltd., 26 Bedford Row. London, W.C.1, have entered the men's toilet preparations market with a pre-



shave lotion, Tee-up, and an after-shave lotion, Fair-way, each claimed to be "the ultimate in shaving luxury." The lotions are issued in distinctively designed bottles with golf-ball caps. A twin-pack containing a bottle of each lotion is attractively packed in a contemporary gift box.

House Plant Gift Pack.—Pan Britannica Industries, Ltd., Britannica Works, Waltham Abbey, Essex, have produced a Gaypak for the house-plant grower. The pack contains a bottle of Baby Bio (a special plant food for house plants); a copy of the publication "Be your own House Plant Expert"; a little combined spade and rake; and a Turkish sponge for keeping the leaves clean. All are presented in a transparent plastic tube with gay label and gold loop at the top. Every outer of 1 doz. contains a colourful crowner.



LIPSTICK AND NAIL VARNISII: "Glamour" packs of Jacques Fath lipstick and nail varnish, two recent additions to the Fath range, distributors of which are Cullingford of Chelsea (Castle Soaps of Cambridge, Ltd.), Munroe House, Denbigh Street, London, S.W.1.

Pea Seed Dressing.—To control the fungi responsible for losses of pea crops by damping-off, root rots and seed decay, Murphy Chemical Co., Ltd., Wheathampstead, Herts, offer Orthocide pea seed dressing, based on captan. which they claim is virtually non-irritant. The hazard of flying dust when handling the sacks of dressed seed is reduced by the low rate of use (2½-oz. per cwt. of seed). Orthocide pea seed dressing also gives increased percentage germination and healthier seedlings in broad beans, sweet corn, brassicas, marrows, lettuce, cucumbers and spinach. The product is also effective on grass seeds and bedding plants, Orthocide is the registered trade mark of the California Spray-Chemical Corporation, Richmond, U.S.A.

Warfarin in Agricultural Pack.— Thomas Harley, Ltd., 55 South Methven Street, Perth, Scotland, have produced a special agricultural pack of Rodine warfarin powder. The pack



consists of a heat-sealed plastic-lined paper sack containing 7 lb. and fitted with a carrying handle (convenient for both retailer and customer). The formulation of the powder has been improved and it now contains a water-soluble blue dye for identification purposes. The improved formulation also applies to the smaller packs of the product.

### INFORMATION WANTED

The Editor would appreciate information about the following:

Easiliv pile tablets

#### TRADE NOTES

Pack Size Renamed. — Kimberly-Clark, Ltd., Larkfield, Maidstone, Kent, have renamed their chubby size Kleenex tissues the "Handy" size,

Product Renamed.—British Schering. Ltd., 229 Kensington High Street, London, W.8, announce that from November 14, Oblivon elixir is being known as Oblivon pædiatric elixir. There are no changes in the packs or prices.

Pack Sizes. — "New" (greaseless) Bengué's balsam is packed in ½-oz. and 1-oz. tubes and not as previously stated. Makers are Bengué & Co., Ltd., Mount Pleasant, Alperton, Wembley, Middlesex.

An Extra for Customers. — A free pack of Kleenex is being issued this week with every purchase of the 4s. size of Vick vapour rub, manufacturers of which are Vick International, Ltd., 10 New Burlington Street, London, W.1.

An Additional Size.—The Distillers Co. (Biochemicals), Ltd., Speke, Liverpool, 24, announces the introduction of an additional pack of Distivit elixir: a 40-oz. bottle containing 20 microgm. of vitamin B<sub>12</sub> peptide per 3-5-mil teaspoonful,

An Additional Strength.—Roche Products, Ltd., 15 Manchester Square, London, W.1, have made available a 5-mgm. capsule of Librium to meet the requirements for lower dosage for children and the aged, It is available in bottles of twenty-five, 100 and 500.

A Change of Distribution. — From December 11 the distribution of Furadantin brand nitrofurantoin, hitherto carried out by Duncan, Flockhart & Co., Ltd., Edinburgh, 11, is being taken over by Smith Kline & French Laboratories, Ltd., Welwyn Garden City, Herts.

An Improved Cover. — Kimberly-Clark, Ltd., Larkfield, nr. Maidstone, Kent, announce a further improvement in the cover of Kotex feminine towels. The covering is of open mesh construction, surfaced with cotton wool, and is claimed to give new Kotex the softness of cotton wool with the advantages of shape retention, security and easy disposability.

Generally Available.—Organon Laboratories, Ltd., Brettenham House, Lancaster Place, London, W.C.2, state that, as a result of an announcement recently made by the Ministry of Health that corticotrophin is to be made generally available for the prescription of general practitioners, the company's prepara-tions Cortrophin and Cortrophin ZN are being made available from wholesalers from December 1. Cortrophin (corticotrophin injection, B.P.), for intravenous injection, is being issued in packs of three, twelve, and twenty-five vials of 30 or 75 international units. Cortrophin for subcutaneous or intramuscular use is being issued in packs of three, twelve and twenty-five vials of 10 i.u. and six, twelve and twenty-five vials of 25 i.u. Cortrophin ZN (corticotrophin zinc hydroxide injection, B.P., a long-acting form of ACTH injection for subcutaneous or intramuscular use) is issued in 5-mil vials of 20 or 40 international units per mil.

Christmas "Snowstorm."—From the new Mondart aerosol snow spray, produced by Mondart, Ltd., 49 Park Lane, London, W.1, the snow falls in "flakes" from the press-button tin. The spray is suitable for use on Christmas trees, evergreens, yule logs, etc. The pack is an 8-oz. "snowman" tin with sheet of stencil designs that can be cut out and sprayed with snow or used as outlines to spray on to mirrors on windows. The product is understood to be harmless to carpets and fabrics and to metal, wood and

glass surfaces. It may also be lightly dusted off floors and furniture.

#### **Bonus Offers**

IMPERIAL CHEMICAL INDUSTRIES, LTD., pharmaceuticals division, Alderley Park, Ches. Savlon antiseptic lozenges. Bonus offer (see C. & D., September 24, p. 371) extended until December 10.

LUSIY'S NATURAL PRODUCTS CO., LTD., 278 London Road, Westeliff-on-Sea, Essex Lusty's royal serum capsules. 10s. on each opening carriage-paid order. In return for display.

# Correspondence

Letters when received must bear the name and address of the sender, not necessarily for publication. The Editor does not hold himself responsible for the views expressed.

#### A Lone Voice?

SIR,—In reply to Mr. R. W. Wakeford (C. & D., November 12, p. 602), I doubt very much whether firms indulging in or contemplating £1 million mergers are interested or concerned about the trials and tribulations of one "bleeding" pharmacist.

H. G. A. CRIPPS, Hitchin, Herts

#### Wanted, a New Deal

SIR,—After a recent meeting of the Portsmouth and District Branch, the following resolution was sent to the Central N.H.S. (Chemist Contractors') Committee at the unanimous request of the meeting:—

"That it is the opinion of this meeting that the present N.H.S. contract is out of date and should be terminated, and a new contract agreed upon in line with present day costs and conditions."

TONY YOWARD, Emsworth, Hants

#### Frustrations of a Manufacturer

SIR,—For some years a significant number of our friends in the trade have exhorted us to reduce our shaver prices. A month ago we did so. Already many dealers have reported increased sales of Remington shavers as a result of the price reduction. This is gratifying for us and for them, and we hope the increased turnover will justify the calculated risk we took in reduc-ing prices at a time of the year when we could in any case expect bumper sales. However, there seems to be a fly in the ointment—or several flies!

Despite the fact that we have gone to immense pains to provide all our stockists with re-priced display material, I am dismayed to learn that very many dealers are still displaying Remington shavers at the old price. this due to apathy, laziness, or inefficiency? Or are we as manufacturers to blame in some way?

Remington Electric Shaver, Ltd., J. J. Collins, *Managing Director*, London, W.8

#### The Change to Metric

SIR,—I am indeed honoured that Dr. J. J. Bloch (C. & D., October 29, p. 536) should have taken the trouble to write regarding the length of the survival of our system of weights and measures, especially as he would not have thought it possible for it to live

so long in opposition to the metric system, which is so much easier. would like to point out that it is not the British way to take the easier path, as was shown in 1940 when, no doubt, millions of people did not expect Britain to last so long. Had we taken the easier path at that time, our weights and measures, and many other of our weird and antiquated systems, would have been most efficiently adjusted by the Third Reich. At a meeting of the Somerset Branches of the Pharmaceutical Society and the National Pharmaceutical Union held in Taunton in October, a resolution was passed that those branches failed to see any necessity for the proposed change to the metric system, and I hope that other branches of both the medical and pharmaceutical organisations will follow the lead given by Somerset, so that the psuedo-scientific gentlemen who are trying to force this change upon us will have to consider the feelings of the majority of doctors and chemists. I feel quite sure that the Government is not really interested in a matter that is purely a domestic arrangement between prescriber and dispenser, and I can only assume that it is being prodded by our democratically elected representatives. I hope that many more doctors and pharmacists will make their objections heard before it is too late.

J. S. CLARKE,

J. S. CLARKE, Weston-super-Mare Somersct



SPLITTING HAIRS: Field-Marshal Viscount Montgomery of Alamein is seen here, on a recent visit to the razors and blades factory at Isleworth, Middlesex, of Gillette Industries, Ltd., watching a hair being split with a near-sharp razor blade. A near-sharp blade has to be used because the finally finished Gillette blade is too sharp and severs the hair on context.

#### **MARRIAGES**

MARLOW—CROSS.—At Nuneaton Parish Church, Nuneaton, Warwicks, on November 12, David Barry Marlow, M.P.S., 24 Scraptoft Lane, Leicester, to Helen Cross, Nuneaton.

WARDE—BANIM.—At St. Sebastian's Church, Long Island, New York, U.S.A., recently, James Warde, Woodside, Long Island, New York, to Aileen Cora Deirdre Banim, L.P.S.I., 33 Alma Road, Monkstown, Blackrock, co. Dublin, Eire.

#### **DEATHS**

BARROW.—On November I, Mr. Lawrence Bernard Barrow, M.P.S., 4 Hawthorn Avenue, Gainsborough. Lincs. Mr. Barrow qualified in 1907.

BATES. — On November 9, Mr. Fred Arthur Bates, M.P.S., 24 Grazing-field, Wilford, Notts. Mr. Bates, who qualified in 1924, was formerly in business at 195 Berridge Road, Nottingham, and was treasurer and a past-chairman of the Nottingham Branch of the Pharmaceutical Society.

CHALONER.—On October 27. Mr. Frederick Chaloner, M.P.S., Burren Reagh, Blundell Lane, Penwortham, Preston, Mr. Chaloner qualified in 1921

HALLWORTH.—On November 6, Mr. Frank Hallworth (chairman, William Hallworth, Ltd., wholesale druggists), Hazel Grove, Ches.

HOLLY.—Recently, Mr. Francis Edward Holly, M.P.S.I., 85 N. Main Street, Youghal, co. Cork, Eire. Mr. Holly qualified in 1939.

#### **PERSONALITIES**

MR. ARTHUR HARDING, M.P.S., Hempshaw Lane, Stockport, Ches, has been appointed a justice of the peace for Stockport,

DR. ALBERT WETTSTEIN, who is head of the biological research of CIBA, Ltd., Basle, Switzerland has been awarded the 1959 prize of the Marcel Benoist Foundation. The prize, which is awarded annually by the Foundation, is given to the Swiss scientist who has made the most useful contribution to human life during the preceding year. Dr. Wettstein received the distinction for his outstanding work in the field of steroid hormones,

MR. H. HUMPHREYS JONES, F.P.S., F.R.I.C., 197 Menlove Avenue, Liverpool, 18,

Liverpool, 18, of whom THE CHEMIST AND DRUGGIST (September 5, 1959), wrote 'he seems to have the secret of eternal youth, is to appear in television programme on the Welsh service of the B.B.C. at 1 p.m. on November on November 21. Mr. Hum-



phreys Jones will be interviewed by Mr. Emrys Cleaver and the subject to be discussed—"Cadwn Ifanc" (Keeping Young).

#### **COMPANY NEWS**

Previous year's figures in parentheses

JEYES' SANITARY COMPOUNDS CO., LTD.—Mr. Hugh F. Eagleton has been elected to the board.

P. LEINER & SONS (WALES), LTD.—Commander A. T. Bond, has been appointed to the board as director of sales.

EVANS MEDICAL, LTD.—Interim dividend for the year ending December 31 is threepence (twopence-halfpenny) per 5s. Ordinary stock unit.

WILLOWS FRANCIS, LTD.—Net profit for the year ended June 30 was £36,984 (£36,482) and dividend 17½ per cent. (same), as previously stated (see C. & D., October 15, p. 464). Investment in subsidiary £400 (nil), current assets £263,591 (£255,388) and liabilities £89,040 (£101,193). Planning work to provide additional production area is well advanced, says chairman (Mr. A. J. Cornforth). Strongly competitive conditions have had effect on price levels in current year.

BORAX (HOLDINGS), LTD., and HARDMAN & HOLDEN, LTD.—An offer is being made on behalf of Borax (Holdings), Ltd. to acquire the whole of the £750,000 issued share capital of Hardman & Holden, Ltd. The terms of the offer are two Borax deferred ordinary 5s. shares plus 20s. in cash for every three ordinary 5s. shares of Hardman & Holden. The bid values Hardman & Holden at about £2,700,000.

BEECHAM GROUP, LTD.—Group sales in the half-year ended September 3 amounted to £26-98 millions (against £24-52 millions in the same period last year). Group trading profit also rose from £4-1 millions to £4-3 millions. After tax of £1,965,000 (£1,925,000) group net profit is £2.201,000 (£2.018,000). The directors propose to change the present practice of Ordinary dividend payments. For the year 1961-62 and thereafter only one interim dividend (instead of two) will be made. It will be announced in mid-November and paid the following February. The first Ordinary dividend for the current year, payable December 1, is 8 per cent.

SANGERS, LTD.-Mr. J. G. Sanger (chairman) said at the annual meeting on November 10 that there had been some comments in certain quarters that the board should be able to give an idea at the meeting of the current year's position. What did not appear to be realised, he said, was that they were dependent on day-to-day orders, which fluctuated according to seasonal demands. In many industries, it was quite a different matter, as companies had an order book covering nine to twelve months, which enabled them to forecast the trading position. It had also been suggested that the board must have had the figures before it when the second interim dividend was declared. There were no figures available at that time, Mr. Sanger declared. Shareholders would realise, he said, that the company comprised fourteen associated companies and branches, all taking stock on the same date. The work involved in preparing the figures in time for the auditors, in addition to the general work, was becoming more and more difficult.

New Companies

P.C.=Private Company; R.O.=Registered Offic

EASTERLY DRUG STORES, LTD (P.C.).—Capital £1,000. To carry on the business of chemists, etc. Directors: Harry Stone and Annie Stone, M.P.S. 231 Harehills Lane, Leeds, 8.

BALMFORD CHEMISTS, LTD (P.C.).—Capital £1,000, To carry on the business of general chemists, etc. Directors: John E, Balmford, M.P.S., and Marie D, R, Balmford, R.O.: 27 Corbridge Road,—Sutton Coldfield, Warwicks.

WILLIAMS CHEMISTS (WESTERN), LTD. (P.C.). — Capital £1,000 To acquire the business carried on by Henry R. Thelwell. Directors: Henry R. Thelwell, M.P.S. and Barbara A Thelwell. R.O.: 36 Fore Street, St Blazey, Cornwall.

BARNES CHEMIST, LTD. (P.C.).—Capital £1,000. To carry on the business of chemists, druggists, etc. Directors: Gerald T. Barnes, M.P.S., Margaret Barnes and John Taplin, M.P.S, R.O.: 24 Cheshire Street, Market Drayton. Shropshire.

P. SAMUELSON & CO., LTD. (P.C.).—Capital £5,000. To acquire the business of P. Samuelson & Co., and to carry on the business of dealers in essential oils, chemical preservatives, etc. Directors: Alexander H. Samuelson, Stanley Waite and George W. Walker. R.O.: 1 Crutched Friars, London, F.C.3.

#### **BUSINESS CHANGES**

ASTRA-HEWLETT, LTD., is the new trading title adopted by C. J. Hewlett & Son, Ltd., King George's Avenue, Watford, Herts,

SERTA, LTD., have removed to Swanfield Works, Swanfield Road, Waltham Cross (telephone: Waltham Cross 24361).

MR. D. HAMILTON, M.P.S., recently transferred his pharmacy to 52 Muir Street, Motherwell, Lanarks (from 31 Muir Street).

MR. H. H. PEATE, M.P.S., 18 Church Street, Ripley, Derby, is retiring on November 26. The pharmacy at that address will cease trading after that date.

LEWIS & BURROWS (MANUFAC-TURING CHEMISTS), LTD. (the recently formed "ethicals" division of Lewis & Burrows, Ltd.), are to operate from their new laboratories and central offices at 197 Lyham Road, London, S.W.2 (telephone: Tulse Hill 7831) from November 21. WARD, CASSON, LTD., have been absorbed into the Lewis & Burrows group of companies, and their products will also be available from that address.

#### **Appointments**

JEYES' SANITARY COMPOUNDS CO., LTD., have appointed Mr. P. J. W. Whelan, B.Sc., their chief quality control chemist. He succeeds Mr. G. J. Warren, M.Sc., who has been appointed chief research analyst of the company's research and development section.

#### IN PARLIAMENT

#### BY A MEMBER OF THE PRESS GALLERY, HOUSE OF COMMONS

EVERY effort was being made to extend the research on the metabolic diseases of sheep and cattle, said MR. CHRISTOpher Soames (Minister of Agriculture) in a written reply to Mr. F. T. WILLEY on November 8. The work was supported by the Agricultural Research Council and included basic research into the physiology of sheep and cattle.

#### Decimal Currency

A strong appeal was made to the Government in the House of Lords on November 10 by LORD FRASER to introduce the system of decimal currency. He recommended the use of the "pound-cent" system in which the cent would be a hundredth part of the pound. LORD FERRIER, supporting the recommendation, pointed out that there was no stepping stone in the Weights and Measures Bill leading towards decimalisation of weights and measures. LORD DOUGLAS suggested it was easy to exaggerate the advantages that would flow from decimalisation. THE EARL OF DUNDEE (Minister without Portfolio), who pointed out the various ways in which the currency could be amended, said the Govern-ment was seriously considering all aspects of the matter and wished to receive considered views on the subject as soon as possible.

#### Resale Price Maintenance

Mr. Gresham Cooke asked the President of the Board of Trade if the date had expired for receiving replies to the questionnaires issued in connection with the departmental inquiry into resale price maintenance. Mr. REGI-NALD MAUDLING (President of the Board of Trade) on November 10, said he was afraid it would not be possible to take account of replies to questionother evidence, oral and written, was still being received and considered. Nearly 2,000 replies to the questionnaires were being examined. He could not state when he would be in a position. tion to announce the Government's decision. Mr. Gresham Cooke asked whether the number of replies indicated the large number of trades affected and the great complexity of the question. He suggested that there was no need to rush an early decision on the matter. Mr. MAUDLING agreed.

#### Summer Time

In a written reply on November 10, MR. R. A. BUTLER (Home Secretary) informed a number of questioners that British Summer Time, 1961, would extend from March 26 to October 29.

#### Smog

Dr. A. Thompson asked the Minister of Health whether, in view of the ab-normally high incidence of chest and heart cases in industrial areas of Great Britain, he would give immediate consideration to protecting the health of citizens from the effects of smog in the forthcoming winter. MISS E. PITT (Parliamentary Secretary to the Minister of Health) in a written reply on November 14, said that facilities for the care and the protection of persons

liable to suffer in smog conditions would be available under the National Health Service, including the provision of special masks.

#### N.H.S. Drugs for Private Patients

SIR M. STODDART-SCOTT asked the Minister of Health what would be the sestimated cost to the National Health Service if drugs and dressings were made available to all patients, whether they attended the National Health Service doctor or their own private practi-tioner. Mr. ENOCH POWELL (Minister of Health) in a written answer on November 14, stated "On a rough estimate, the extra annual cost of providing drugs and dressings on National Health Service terms for residents in Britain not now registered with a National Health Service doctor might be between £2 millions and £3 millions."

#### Patent Fees

DURING the second reading of the Patents and Designs (Renewals Extensions and Fees) Bill on November 15, THE EARL OF DUNDEE said that if the Bill was approved the Government proposed the fee charged on the application for a patent should be increased from £1 to £2 and the fee for filing the complete specification raised from £4

#### NEW POISONS BILL IN EIRE

#### An advisory council proposed

THE long-awaited Poisons Bill for the Republic of Ireland was introduced in the Dail on November 9. First impressions are that the Bill has been warmly welcomed by pharmacists throughout

the Republic.

The Bill provides for the establishment of an advisory Council (to be known as Comhairle Na Nimheanna) by the Minister for Health. The Council is to consist of two medical practitioners, two pharmaceutical chemists, two veterinary surgeons, one person with special knowledge and experience of the use of poisonous substances in agriculture (to be nominated by the Minister for Agriculture), and three other members. The Bill defines the functions of the council to provide for the regulation and control of the distribution. tribution, transport, storage and sale of poisons, of the manufacture of pharmaceutical preparations containing poisons, and of poisons for agricultural and veterinary purposes, as well as to amend the Dangerous Drugs Act, 1934.

An explanatory memorandum accompanying the Bill states that it was desirable to bring existing poisons legislation up to date. The main object of the Bill was to provide a code on the control of poisons which was more suited to present-day conditions. Under the Bill the controls over the sellers and the sale of poisons would be pro-scribed in regulations rather than in the legislation itself, as was the case at present. "This would introduce a more flexible system of control; such flexibility is needed especially because of the proliferation of synthetic poisons and poisonous substances which cannot readily be brought within the ambit of the existing legislation," the memorandum stated. The council will advise the appropriate Ministers (Health and Agriculture) on the draft regulations to be made under the Bill, and they may also be asked to advise the Minister for Health on regulations under section 65 of the Health Act, 1947, which deals with the control of the advertisement and sale of medical preparations generally. Regulations under that section must now be referred to the National Health Council, but (states the memorandum), some of those would be more appropriate for referral to the council.

Under section 15 of the Bill the Minister for Agriculture is to be given power to regulate the use of poisons for agricultural and veterinary pur-poses. The regulations may prohibit the application of those poisons otherwise than by prescribed methods, the main intention of the section being to ensure that there will be adequate safeguards to protect persons using, or coming into contact with, dangerous poisons which are being increasingly used as weed-killers and insecticides.

Some years ago, the Pharmaceutical Society of Ireland and the Irish Medi-Society of Ireland and the Irish Medical Association established a joint committee and recommended to the Department of Health that a Poisons Board should be established with power to advise the Minister on the addition of delicion of poisons to the addition or deletion of poisons to the schedules. The broad scheme recommended four schedules, representing part 1 poisons; part 2 poisons; prescription-only poisons or potent substances, and a schedule to deal with horticultural and agricultural poisons.

Penalties under the Bill are a maximum fine of £100 for a first offence, on summary conviction, and up to £10 a day for a continuing offence, with the alternative of six months' imprison-

#### **EXPANSION PLANS**

IMPERIAL Chemical Industries, Ltd., have bought a 200-acre site at Kilroot, near Carrickfergus, co. Antrim, Northern Ireland, for a factory for the production of Terylene and possibly other man-made fibres. Building is to commence early in 1961 with a view to going into production in 1963.

VINYL Products, Ltd., and Vinatex, Ltd., members of the Reichhold Chemicals, Ltd., group of companies, will be moving in two to three years' time from the site they share at Carshalton, Surrey. New works, complete with extensive offices and research and development laboratories, are to be built on a 100-acre site, the purchase of which has now been completed, at Brock-hampton, near Havant, Hants. The decision to close the Carshalton site results from lack of space to carry out the considerable expansion planned for the two companies. This has already been underlined by the completion of a new factory for Vinatex, Ltd., which will shortly come into production at New Lane. Havant, near the main Brockhampton site.

## LEICESTER'S 70 PER CENT. PASS LIST

## Pharmaceutical Society's president congratulates the school of pharmacy

"LIVE up to the high ideals of our founders so that you, in turn, may pass something that is worthwhile on to the next generation of pharmacists" was the command of Mr. Tom Reid (president of the Pharmaceutical Society) when he attended the Leicester College of Technology and Commerce to distribute prizes on October 25.

#### A Stimulating Duty

Mr. Reid said he considered it the duty of the president of the Pharmaceutical Society of Great Britain to visit as many as possible of the branches of the Society in whose area there was a school of pharmacy. It was always stimulating to meet young people who were at or near the beginning of their careers, and even to speculate just where some might eventually finish. The opportunities in pharmacy were at least as great today as ever before. The list of examination successes at the school were good, and he congratulated both students and staff. He was especially impressed by the 70 per cent, passes in the Society's Qualifying examination. That was a remarkable achievement for first entries. It might well be that the standard of entry was higher today, causing less wastage and less frustration. It had wastage and less frustration. even been criticised as being too high, but the results went a long way to prove that the policy of the council was right. Ten per cent, of those who qualified were attracted to teaching, research or industry, and up to a certain age and stage a career in those branches was interchangeable. A further 10 cent, would enter the hospital pharmacy service. Work in that sphere was essentially professional, with some amount of administration. Recently there had been some improvement in the commencing salaries, which were somewhat below those offered in other branches of the profession. It was important for both the community and the profession that hospital pharmacy should be made as financially attractive as possible. For the remainder—approximately 80 per cent.—of newly qualified pharmacists, the point of entry would be general practice or, as it was generally called, retail pharmacy. The essentials for success in that field were an ability to meet all problems, whether professional, technical or commercial. Administrative ability was important if an executive position or proprietorship was to be the ultimate goal.

Having decided the sphere that offered a rewarding and satisfying career, it was necessary to obtain the right experience. In all professions the immediate reward was secondary to future prospects. It might appear attractive to take, too early, a position as manager. That was not in the best interests of a young pharmacist if he knew that his experience had been limited. It might be better to seek a position where the long experience of another pharmacist was available to be passed on.

Mr. Reid said the Pharmaceutical Society could do much for individual pharmacists, and they could do much for the Society. It was not some remote administrative body, but the membership as a whole. "By the individual actions of each of us we shall be judged by the community. To the man or woman in the street, pharmacy is represented by the individual pharmacists that they know." The president wished all students and young pharmacists every success in their careers.

In his review of the examination successes for the session, MR. COLIN GUNN (head of the school) stated that the 70 per cent, pass list in the summer Qualifying examination at first entry was a record for the school and far above the pass for the country as a whole. In addition, seventeen dents had passed in January. T were partly degree students who had completed the requirements for the Qualifying examination by passing in forensic pharmacy and partly "refers" from the 1959 summer examinations. In part I of the B.Pharm, examination, the number who passed was about that expected; three students who had been referred were expected to pass. No student had failed in the final of the degree examination, but it was disappointing to have no higher results than lower second-class honours. It should be remembered, however, that only an outstanding effort on the part of the final student would take him into the highest honours, and it was a well known fact that the external examination required a dedicated approach.

#### Winners of Awards

The following received prizes:—
PRIZES PRESENTED BY THE LEICESTER
AND LEICESTERSHIRE BRANCH OF THE
PHARMACEUTICAL SOCIETY:—

Intermediate Courses: Intermediate Ph.C., Mr. D. J. Brooks; Intermediate B.Pharm., Mr. A. Khanbhai; Biology Prize, Mr. A. H. Kidman; Chemistry Prize, Mr. M. W. Brown; Physics Prize, Mr. D. J. Brooks.

B.Pharm. Course: First, Mr. D. D. Heard; Second, Miss M. P. Daniels. Certificates of Honour: Pharmaceutics, Mr. M. J. B. Eames; Pliarmacognosy, Mr. D. D. Heard; Practical Pharmaceutics, Mr. D. Riley; Physiology, Miss M. P. Daniels; Pharmaceutical Chemistry, Mr. M. J. B. Eames.

PRIZES PRESENTED BY DALMAS, LTD.: Ph.C. Course, Second Year: First, Miss C. V. Ibbotson; Second, Miss P. A. Williams. Certificates of Honour: Pharmaceutics, Miss C. V. Ibbotson; Physiology, Miss C. V. Ibbotson; Pharmaceutical Chemistry, Miss C. V. Ibbotson; Pharmacognosy, Miss C. V. Ibbotson.

CERTIFICATES OF HONOUR. PH.C. COURSE: Pharmaceutics, Mr. J. D. Seed; Physiology, Miss J. Sanderson; Pharmacognosy, Miss J. Sanderson; Pharmaceutical Chemistry, Miss J. Sanderson.

CERTIFICATES OF HONOUR, BACHELOR OF PHARMACY COURSE: Pharmaceutics,

Mr. C. Parry; *Pharmacognosy*, Mr. Parry; *Pharmaceutical Chemistry*, M. A. A. Britten; *Physiology*, Miss E. Ridler.

PRESENTED BY THE BRITISH DR HOUSES, LTD: Pharmacognosy Pri Mr. D. D. Heard and Miss C. Ibbotson.

Presented by the Late Mr. Geor Hannam: Dispensing Proficier Trophy, Miss C. V. Ibbotson. Presented by John Richardson a

Presented by John Richardson A Co., Ltd.: *Dispensing Prize*, Miss C. Ibbotson.

PRESENTED BY UCAL, LTD.: You Memorial prize for public Spirit a Progress, Miss Y. M. Ashton.

PRESENTED BY EVANS MEDICAL SUPPLIES, LTD.: The Evans Medical Prin Pharmaceutics, Mr. J. D. Seed a Mr. C. Parry.

PRESENTED BY BOOTS PURE DRUG C Best students, first year, Ph.C. cour Miss J. Sanderson; second year, M C. V. Ibbotson.

PRESENTED BY PFIZER, LTD.: B student, second year, B.Pharm. cour Mr. D. D. Heard.

Presented by Mr. A. R. G. Cha INGS: Special prize for outstandi merit, Miss J. P. Barker.

PRESENTED BY GENATOSAN, LTI Pharmaceutical Chemistry prize: Ph second year course, Miss C. V. Ibb. son: B.Pharm, second year course, N M. J. B. Eames.

PRESENTED BY RIKER LABORATORII LTD.: Pharmacology prize, Ph. second year course, Miss C. V. Ibbson; B.Pharm. second year cour Miss M. P. Daniels.

THE CHEMIST AND DRUGGIST PRIZ Best contribution to "The Tonic," N

D. L. Coleman.

PRESENTED BY STURTON & SO!

LTD.: Forensic Pharmacy prizes, M

M. E. Burdett and Miss C. V. Ibbots

Special prize presented by "T

Special prize presented by "I Tonic" editorial committee for n cover design, Mr. S. H. Curry.

# MANUFACTURERS' ACTIVITIES

Long-service Awards. —Three-hi dred-and-twelve employees and posioners of Geo. Salter & Co., Ltd., at to receive long-service awards at reception in West Bromwich town hon November 28. The awards incluwatches, clocks and barometers twenty-five years' service and cheque for fifty years, in a new scheme inaurated this year as part of the copany's bi-centenary year celebrations

Dublin Depôt Opened.—In the prence of a large number of guests in new premises of Squibb (Ireland), we officially opened by the Americ Ambassador to the Republic of I land (Mr. Scott McLeod) at 46 Lov Leeson Street, Dublin, on October Mrs. B. P. McCormack, wife of Brendan McCormack (a director of company) presented Mrs. McLeod we a bouquet of flowers and after a shopening ceremony guests were entained at a cocktail party.

# Pharmaceutical Society of Ireland

#### MONTHLY MEETING OF COUNCIL

PERMISSION to go ahead with the drawing-up of regulations for the provision of a pharmacy degree course in the Republic of Ireland (see C. & D., October 29, p. 539) has been granted the Pharmaceutical Society of Ireland. The Department of Health, in a letter that was read to the November meeting of the Society's Council, held in Dublin, wrote; "With further reference to your letter of September 21, and previous correspondence on the subject of pharmaceutical education, I am directed by the Minister for Health to let you know that after further consultation with the Minister for Finance and the Minister for Education, on your Society's proposals, he has decided in principle not to withhold his approval of the matter. Accordingly, provided that the regulations which will be made by your Society to implement the proposals are suitable, and not ultra vires its statutory powers, they will receive the Minister's formal approval. The submission of the proposed regulations will be awaited. It is assumed that the reception of a deputation is not desired at this stage.

MR. J. G. COLEMAN (registrar) said he had replied thanking the Department for the letter and adding "It is very gratifying to learn that the Minister for Health is prepared to give formal approval to suitable regulations for the Society's proposed new course. I think it is safe to assume that it will not be necessary for the Minister to receive a deputation, but I shall confirm this belief at the next Council meeting. Work will commence on the proposed regulations without delay and a draft will be submitted to you at earliest opportunity." MR. D. J. KENNELLY described the Department's letter as "very satisfactory," and Mr. M. Costello also expressed himself as pleased with its contents. It was agreed to inform the Department that the Council no longer considered it necessary to ask the Minister to receive a deputation.

#### Agrochemicals Association Formed

A letter was read from Finlay-Mulligan & Co., chartered accountants, Dublin, stating that they had been asked to acquaint the Council with the fact that the Irish Agrochemicals Association had been inaugurated. Membership comprised almost all firms who were wholesale distributors of agricultural and horticultural chemicals, dealing mainly with selective weedkillers, seed dressings, potato sprays and insecticides, "We have opened correspondence with the Department of Health on the proposed amendments to the Poisons Act, and it is our intention to seek an interview at a later stage if appropriate," the letter stated, adding: "Our members wish to keep abreast of any proposed legislation which may affect the commodities in which they trade, and it is further their wish to assist in bringing about any amendments which are necessary in the public good. We are aware that your Society has a lively interest in this matter, and if you should wish, we would be pleased to discuss this matter with you now or at any future stage.'

THE PRESIDENT (Mr. F. Loughman, T.D.), said the Council should try to take a lively interest by ensuring that if such commodities were sold other than in pharmacies they were sold under proper conditions. He referred to the need for having the 1908 Poisons and Pharmacy Act (under which shops other than chemists were permitted by county council licence to stock such items), revised under the new Poisons Bill (see p. 635). The original reason for granting such licences, where reasonable needs could not be satisfied with the existing medical halls, no longer applied, Mr. R. J. Power said that that position was now completely changed and there was an adequate number of chemists' shops to stock those commodities. The President said that when the Council received the draft of the new Bill they should insist on a clause abolishing that particular section.

MR, R. J. SEMPLE said that since the passing of the old Act a large number of synthesised poisons had come on the market and he was anxious to see them included in the new Bill. MR. J. P. O'DONNELL said it was "hardly a mere coincidence" that the new Association had been formed when the Poisons Bill was about to be introduced. Members of the Association were probably aware that there might be severe restrictions on the sale of those products. He was also anxious that there should be a "tightening-up" of the sale of all poisons under the new Bill.

MR. T. R. MILLER remarked that either pharmaceutical chemists were going to be the legitimate sellers of poisons or they were not. Weed-killers were still poisons, and the Society should make sure that they were sold only by pharmaceutical chemists through legitimate channels.

THE PRESIDENT stated that one way of overcoming the problem would be for wholesalers to employ chemists to handle lines such as rodent poisons.

THE REGISTRAR remarked that many of those commodities were rather bulky for chemists to store, Pharmacists must concede that certain reputable seed merchants should be given facilities for the sale of those preparations.

MR. KENNELLY said that if pharmacists were going to be the custodians of those commodities they must be able to show to the Minister that they were familiar with them and that was the main reason why the Post-graduate Study Group had introduced the phytopharmacy course. "What we must particularly fight is the indiscriminate handing out of county council licences to unqualified people to sell these commodities," he added.

MR. M. L. CASHMAN said that it was quite obvious that some attempt would have to be made to rationalise the sale of new substances. Representations would be made by many vested interests to allow shops other than chemists to sell such commodities. He would be in favour of meeting members of the new Association to get their views, which would be of assistance when the Council came to study the Poisons Bill. He did not think it practicable to limit to chemists the sale of such vast quantities of dangerous substances, at present being used in agriculture and tillage.

On the suggestion of THE PRESIDENT it was agreed to ask the Association to submit its proposals to the Council for consideration.

#### A Medical View

Dr. John F. O'Connell, Dublin, wrote stating that he wondered if any arrangements could be made whereby the medical and pharmaceutical professions could combine to bring pressure on the Government to introduce a proper health scheme. At present, he said, chemists were being deprived of their normal prescription trade. Through lack of money, patients were unable to pay for prescriptions. Doctors were endeavouring to do their own dispensing. Patients were not receiving their proper drugs, which, although expensive, were essential. He was aware of cases where patients were succeeding in obtaining their drugs direct from the wholesaler. "This state of affairs is not helping doctors or chemists, and to add to this appalling state, the dispensary system is being abused. Friends of blue-card patients are obtaining their medicines free. It is necessary in all our interests that a committee be formed of both the medical and pharmaceutical professions to draft a proper health scheme, thereby giving a better service to the people and ensuring that chemists and doctors obtain a proper livelihood.'

THE PRESIDENT said that while the Council agreed with the sentiments in the letter it would be better if the medical profession as a group, rather than an individual, took up the matter. Mr. Cashman said he was aware that there was some such group in existence. They were anxious to see an alternative to the dispensary system introduced in which doctors would be employed in a panel arrangement. It was also aimed to have medicines now issued from dispensaries, channelled more through the pharmacists. The group had been agitating, and was endeavouring to get properly organised. He thought the Council should at least show that in principle the group's aims were much in line with those of the Council, although they had not yet got a practical solution to the present system, MR, MILLER said that while he also would prefer to see the matter being taken up by a group rather than an individual they should make it clear that the Council were in favour of proceeding on the lines suggested.

MR. O'DONNELL said that in the past six weeks private practitioners had formed an association. They believed that "the writing is on the wall for them" in the way the Health Act was being operated. Dispensary doctors had been granted a salary increase from £1,200 to £1,400 a year and private practitioners thought it could be detrimental to them in that dispensary doctors would have the medicines to hand out whereas the other doctors would have to keep writing prescriptions. The private practitioner wanted parity with the dispensary doctor. Any such representations might work out in the interests of all. Mr. SEMPLE suggested the Council should try to get the new pharmaceutical organisation, aimed at greater liaison, interested in the project.

On the suggestion of THE PRESIDENT it was agreed to write to Dr. O'Connell stating that the Council were sympathetic towards his views and asking if he could state what association would be willing to act on behalf of the medical profession in establishing such a group.

Arising out of the Schools Committee report, THE REGISTRAR said that he was finding some difficulty in securing apprentice masters for overseas students. The difficulty arose out of the impending change in the Society's educational system. It was understandable, he said, that some confusion should arise during the intervening period. He thought if pharmacists were aware of the position they might know of vacancies for two or three students affected. Three Council members volunteered to take apprentices and members undertook to bring the matter to the notice of their colleagues. Mr. R. J. Power said he would mention the matter at the next meeting of the Hospital Pharmacists' Association.

#### Difficulties Overcome

MR. O'NEILL reported that four representatives of the Council (Messrs. Costello, Cremen, Corrigan and himself) had met the Post-graduate Education Committee, and had a satisfactory discussion in regard to the misunderstandings that had occurred between the Council and the Committee. He believed that the difficulties had been overcome and both sides parted on happy terms.

The Council's representatives had pointed out to the Committee that the title "Pharmaceutical Society of Ireland," of which they were the temporary custodians, was one which the Council had to guard zealously in the interests of all. The President said he was pleased at the outcome of the discussions.

MR. KENNELLY said the Committee were anxious to have a heading on their stationery. They asked the Council to allow them to use the title "Post-graduate Education Committee," and underneath "Under the auspices of the Pharmaceutical Society of Ireland, The College of Pharmacy, Shrewsbury Road, Dublin." The Committee felt that if they were to run post-graduate education on behalf of the Society they must have some official way of showing to people with whom they were corresponding that they had the Society's sanction. Unless the Pharmaceutical Society of Ireland were mentioned it would not necessarily even suggest to people that the Council were in agreement with the Committee's policy. On the proposal of THE PRESIDENT,

seconded by Mr. H. P. Corrigan, it was agreed to grant the Committee permission to alter the title as requested.

The registrar reported the following additional subscriptions for the Irish College of Pharmacy Trust Fund:-Farbwerke Hoechst, A.G. (per Antigen, Ltd.), £50; Imperial Chemical Industries, Ltd., £150; May & Baker, Ltd., £50; Dominick A. Dolan & Co., Ltd., £10 10s.; Organon Laboratories, Ltd., £10 10s. Mr. Kennelly said he thought that the Fund had unfortunately "lost its punch" and that it was "barely ticking over." The Dean of the College was worried because some firms had offered the College certain necessary equipment but that it had not been forthcoming so 'I suggest that a meeting of the Fund should be called to try and infuse new life into it," said Mr. Kennelly. There was a large number of important firms which seemed to have forgotten all about the Fund, MR, CORRIGAN said the annual meeting of the committee of management would be held on November 18. In reply to Mr. C. J. CREMEN, THE REGISTRAR said that about £1,200 had been received by the Fund so far this year.

#### Pharmacy Week

MR, SEMPLE said that he had been delegated with Mr. Banks to represent the Council at a meeting of Pharmacy Week committee, "I regret to report that morale was low. We discussed the position for a long time and more or less came to the conclusion that somebody should be paid as an organiser to put the project on its feet. Nobody was willing to go forward as organiser." Mr. Semple added that it was also agreed to ask the Council to appoint an official committee. It was felt that the Council should give Pharmacy Week better backing. The Committee also felt that the Council should send an official letter to all pharmacists throughout the country pointing out the aims of Pharmacy Week.

MR. MILLER said it was extraordinary that such a committee should look to the Council for guidance, Surely there were members of the profession outside the Council sufficiently genuinely interested to assist without having to appeal to the Council? The fact that the Council would give the project its moral support and grace the many functions with its presence should be sufficient encouragement. At the recent meeting of the Post-graduate Education Committee those present were nearly all Council members. The many were always depending on the few to carry the burden. Yet at annual meetings members got up and wanted to know what was being done by the Council. He would like to answer back "What are those members themselves doing?" MR. KENNELLY said he was disappointed to hear Mr. Semple's report because last year the committee were able to run the Week as a "sideline." He agreed with Mr. Miller that it was ridiculous to ask the Council to run the Week. It was disheartening to see such apathy. Mr. R. J. Power said he too was disappointed. Last year a lot of hard work was left to a nucleus of volunters. The Week had created a lot of goodwill for pharmacists among other professions and it would be a great pity to let it fall through.

MR. J. J. O'REGAN suggested that the Irish Drug Association and other branches of the profession should be asked to help. MR. O'DONNELL suggested that the new pharmaceutical organisation about to be set up should make the successful running of Pharmacy Week its first goal. It was agreed to ask the committee to call a further meeting and the president and vice-president intimated that they would attend.

At the beginning THE PRESIDENT, on behalf of the Council, extended heartiest congratulations to Mr. M. F. Broderick (a Council member) on his recent engagement.

It was agreed that the licence certificates of the following should be signed and sealed:—Misses Marie Gabriel Keane. Johanna Langan, Philomena O'Farrell and Mr. Timothy Reginald Power.

(To be concluded)



For Retailer, Wholesaler and Manufacturer

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### A Rejoinder to Cut-price Enthusiasts

EARLIER this year (C. & D., March 26, p. 344) we reviewed a book by B. S. Yamey (professor of economics, University of London) entitled "Resale Price Maintenance and Shoppers' Choice." As we said at the time, the book was published at a moment "when the wind of change was again blowing freshly against the practice of price maintenance "-and, it might have been added, shortly before the President of the Board of Trade announced the setting-up of his present inquiry into the subject. Professor Yamey's theory was that price maintenance inflates costs and prices, restricts choice, and obstructs technical progress in retailing. Some of the arguments of that academic economist were controverted in our review of his book, and we also set against them the views of that eminent practical and industrial economist the late Sir Henry Clay.

The campaign is now carried into enemy territory by another publication, whose authors are well qualified to engage in it. "Fair Trade: Resale Price Maintenance Re-examined" (Macmillan & Co., Ltd., 1960, price 6s.) is the joint work of two economists. The first, P. W. S. Andrews, is Official Fellow of Nuffield College in the University of Oxford, a university lecturer in economics there and well known both as an economic theorist and as general editor of the *Journal of Industrial Economics*—the journal in which the late Sir Henry Clay's last paper, supporting resale price maintenance, appeared. The second author is Frank A. Friday, a full-time economic adviser to Electric and Musical Industries, Ltd.

In their preface, the authors state that they were moved to write their book by the revived propaganda against resale price maintenance (including Professor Yamey's pamphlet). The new work is in two parts: the first by Friday, who criticises in detail the hostile submissions of Yamey and others, backing up his own arguments by statistical data. Friday challenges Yamey's views on "selective price cutting" and "loss leaders" and rejects the professor's conclusion that the abolition of resale price maintenance would lower prices and gross margins and save consumers an estimated £180 millions a year. From the United States, he quotes as an example of what happens to manufacturers, distributors and consumers when extensive price-cutting occurs, the experience of Schick, Inc., manufacturers of electric shavers, as related to the Committee on Inter-State and Foreign Commerce of the House of Representatives in March 1959: "The consequence to Schick, Inc. of the price cutting which occurred in 1958 was

described by the president of that company as 'a severe decline in our business volume and profits, and a resulting decline in our employment. . . . The barrage of cut-price advertising on electric shavers reached a crescendo that left the public confused, distrustful, unable to understand the variety of prices. More important, consumers were hesitant to buy because they thought the price would be cheaper tomorrow." The number of dealers selling Schick electric shavers fell from 35,000 to 7,000; the company's name and goodwill suffered badly; and Schick had to reorganise their distribution system, selling direct to retailers in order to get a better control over selling prices. Those engaged in pharmacy and the drug trade in Britain will also note with interest what the president of Johnson & Johnson, Inc., manufacturers of the well-known products sold under their name in this country, had to say about the "benefit" of lower retail prices on their brands in New York City in 1951: "The plain fact is that the increased sales of the price cutter—if he doesn't conveniently run out of stock on the price-cut branddon't make up for the lost sales in the small stores. During the Macy's-Gimbel's price war of 1951 [Macy and Gimbel are well-known price-cutting stores], before the passage of the McGuire Act, our sales to the 400 competing stores in New York City showed a drop of 20 per cent. The price-cut sales of our products by Macy's and Gimbel's fell far short of making up the difference." Concluding his part of the book, Friday says: "It is clear that the basic assumption of the opponents of resale price maintenance that the practice raises gross margins is quite wrong. Therefore much else of their analysis falls to the ground. The general claim that abolition of resale price maintenance will improve distribution by lowering gross margins is just a great illusion.'

In the second part of the book Professor Andrews discusses competition in retail trade and the impact of innovations in retailing methods—self-service, supermarkets, etc. His approach to the subject is at the intellectual academic level—which should appeal to those of his economist colleagues who speak the same language! He argues that retail trade is extremely competitive already, and that a ban on resale price maintenance is likely to reduce the overall competitive pressure. It is to be hoped that the arguments and conclusions embodied in "Fair Trade: Resale Price Maintenance Reexamined" will circulate widely in those opinion-forming circles which so readily and uncritically accept the submissions of anti-price-maintenance advocates.

## Greater Freedom for Off-licence Holders

THE law on "off" sales of alcoholic liquor will be amended if a new Licensing Bill, published on November 10, is approved. Those pharmacists who hold a licence to sell alcoholic liquor are only too well aware of the difficulties, and of the explanations that are necessary, because the present law states that, although liquor may be ordered or delivered for consumption away from the retailer's premises, a customer may be served over the counter only during permitted hours. The new Bill proposes that on week days, except Christmas Day and Good Friday, there are to be no restrictions on the hours during which alcoholic liquor may be sold. The same freedom is being granted to separate "off"-sales sections of public houses.



# "OPEN SHOP"

AN UNSCRIPTED COMMENTARY ON THE SPECIAL PROBLEMS OF THE PHARMACIST IN RETAIL PRACTICE

E. C. TENNER

EVER does my pharmacy look less like my ideal chemist's shop than in the weeks before Christmas. Yet, of course, it looks like many other chemists' shops at this season. The economic facts of retail pharmacy being what they are, we must all follow after the great god "turnover"; and modern Christmas is the season when that worship concerns us all most deeply. Since last May and June we have been planning to trap for ourselves some of the great flood of turnover the public will release during the pre-Christmas spending spree that is an annual wonder. The Christmas gifts started arriving in early September. Now they are all delivered and, as I look at them, I wonder what would happen if the public suddenly changed its habit of giving presents of cosmetics packed attractively in gift caskets. However, I have not bought more than I did last year and the year before, though I have bought more of some manufacturers' lines and less of others', acourding to last year's tendencies. Yet it is not always wise to assume that lines popular one year will continue so. I have repeatedly noticed that a manufacturer's lines will often stick for a year or two and then suddenly everyone wants them. Taste in these things is unpredictable. So there is quite an element of gambling in buying stocks of Christmas gifts. This year the variety and scope of cosmetic gifts for men transcends anything I have ever seen before. My stock of men's gifts needs now nearly as much space for display as do those for women. I have long since given up the attempt to make attractive displays of the gifts available. I find that it is necessary to show everything, and the only way to do that is to devote whole counters to close piles of the gift sets, each pile surmounted by an open priced sample of what is in the pile. I first saw that method years ago in the cosmetic departments of the West End stores and, after experience of the results it produced, I always use it now-it looks terrible but it sells the sets! That is why I say that, in these weeks, my pharmacy looks so unpharmaceutical. Yet I am careful not to remove entirely the bread-and-butter medicines, drugs and foods from the customers' view and touch. So my shop is overcrowded with goods, and I hope it will be overcrowded with customers. Right up to closing time on Christmas Eve it will become increasingly uncomfortable. I remember an old chemist who had a "singlehanded" business. "Christmas trade is too much bother," he would say—"so I'll have none of it." He is dead these twenty years, but I often think of the serenity and dignity of his pharmacy.' I do not think many could emulate him in these days. Rising costs call for extra turnover to meet them and turnover gained one year must be matched the next, and so the race goes on.

#### N.H.S. Remuneration

At last we can expect that the factual basis necessary for convening an effective Conference of Pharmaceutical Committee Representatives may be arrived at in January 1961. The Conference will consider agreement on adjustments to contractors' remuneration resulting from the 1958 dispensing costs inquiry and the adjustments required to be made on account of increased overhead costs, increased oncost, etc., that have taken place since 1957. The more optimistic among us will be expecting to receive, about next June, cheques that will cover about three and a half years of adjustment and leave us receiving a fairer remuneration for

our services. Having seen the scale of the increases paid recently to doctors and dentists, we may with justice expect similarly reasonable treatment. That we have recently received notice of the operation of the eleventh agreement of the Joint Industrial Council for Retail Pharmacy (England and Wales) should not have escaped the notice of any of us; that agreement is tied to our National Health Service Pharmaceutical Service contracts through the "fair wages clause."

#### Packed Goods in the Pharmacy

At the Cambridge area meeting of the National Pharmaceutical Union, the treasurer of the Union said that he 'felt impelled to defend the N.P.U. against attacks that had been made against it in letters to the Press . . . it was a pity those who called for more militancy could not try taking a hand in the negotiations . . . the officers were under a tremendous burden . . . the secretary was being called upon to perform more than any man should be asked to do.' must assume the treasurer talks with authority and simply ask why the staff is not suitably expanded to cope with modern conditions. The same meeting was told that the Union's Marketing Policy Committee had been formed for the purpose, among other things, of putting in members' hands the means of meeting competition. It was stated that an N.P.U. range of "own goods" had been considered, but no wholesaler had been found ready to pack the required range at the required prices. The meeting was advised that the only answer at present seemed to be for members to take advantage of their own slack times to pack them at the pharmacy. Before 1939 I was able to pack a complete range of drugs and counter specialities. The prices I was able to get easily paid the wages of a part-time packer and for the investment of capital in the necessary containers and labels; and they showed me a fair profit. The competitive prices I must now charge if I wish to sell packed drugs at all in economic quantities will not any longer cover all the costs. The result is that I have had to find, as best I can, a manufacturer who will supply most of what I want at the best prices I can negotiate. To meet competition I sell those goods at a much reduced profit margin. I think it is important to do that because the public judge my shop by comparing my prices with those of my competitors. Now I think the N.P.U. Marketing Policy Committee ought not to wash its hands of this problem, saying just "you must pack these goods in your spare time." Unless I can get really low-priced containers and labels I cannot produce the lines at the prices required. It would be more helpful if the N.P.U. could arrange for me, as a member, to draw supplies from a standard stock range of labels and containers at a minimum cost that could depend on a handling fee plus a contract price which the N.P.U. could arrange on behalf of all of us. I am sure that, if we heard more about positive N.P.U. activities and negotiations, whether or not they proved fruitful, it would not be necessary for the treasurer to feel impelled to defend the N.P.U. to its members.

JAUNDICE IN POLAND.—The World Health Organisation recently reported a striking increase in the prevalence of epidemic hepatitis in Poland. The number of cases registered rose from 26,000 in 1957 to 75,000 in 1959. WHO's regional office in Europe has been asked to assist studies in the prevention of the disease.



# A London Pharmacy Transformed

CHANGES AT THE BAKER STREET PREMISES OF CURTIS & CO., LTD.

REMARKABLE transformation was recently carried out at the pharmacy of Curtis & Co., Ltd., 79 Baker Street, London, W.1. Established in 1820, the firm later acquired the present premises, which were originally a four-storied Georgian-styled house, and in the 1830's converted the ground floor into a chemist's shop. The alterations at that time were extensive. They included the installation of a shopfront with pedimented doorway and pilasters, a cornice enriched with modelled heads of lions, and a window divided with moulded mullions.

The new front and interior, which were designed by G. Bryant Hobbs, F.R.I.B.A., have completely changed the premises. Whereas the old shopfront had but one entrance and only 14 ft. of window, there is now a separate entrance to the upper floors, and the pharmacy has two doors and a

the pharmacy has two doors and a total of 48 ft. of display window, two island display cases having been constructed around supporting iron columns, which could not be removed. The modern design of the shopfront still, however, maintains a link with the past. That has been achieved by reconstruction of the original cornice with the lion heads, renewed and gilded; by mounting on each island showcase a large ornate drug jar and by carrying around the window heads an intriguing coloured frieze, modelled in low relief by the specialist plaster firm of G. Jackson & Son, Ltd. The frieze presents a basic design of red poppies with green foliage interspersed with specie jars, mortars and pestles,



A view of the interior of the pharmacy from the rear, showing carboys above the display window and, at ceiling level, the decorative frieze that is shown in greater detail at the top of the page.

balances and other "tools" of the trade, all in realistic colours. Four carboys—red, purple, yellow and green— are ranged above the window heads, and they glow with colour both from without and within the shop. The window frames are of brass and are polished daily. The whole is framed by piers and facia of green marble, and the glow of masked green fluorescent lighting from above the window heads gives the shopfront a pleasing modern appearance.

During the work on the interior alterations, which necessitated among other things lowering the whole floor by 3 ft., normal—if one may call it normal—business was carried out. The basement, which is used as a store, still





At left: Exterior, showing how the entrances have been set back despite the vertical piers which, for structural reasons, had to remain. They have, in fact, been turned to display advantage. Right: The dispensary.

gives adequate head room despite the lowering of the shop floor. The rear part of the premises was completed first, and that was utilised as the shop whilst the builders (Bridge Walker, Ltd.) were carrying out reconstruction to the fore part. Transfer of stock backwards and forwards during the alterations added to the confusion.

A special feature of the interior is the richly coloured plaster cornice with the same motifs as on the exterior frieze. It contrasts pleasantly with the pale green walls, in which are inset "picture windows" for display purposes. An illuminated pelmet—the only lighting in the shop above the wall cases displays the names of well known beauty products. It takes the place of the old gilded glass signs that bore wording such as "Agents for Brighton Royal Spa Waters." The shop fittings, carried out by C. Ribbands & Sons, lend elegance to the pharmacy. The fixtures are in mahogany, and contrast well with the lino-tiled flooring. The counters have been carefully scaled to increase the feeling of spaciousness, and they are in units so as to give easy access to the wall cases. The fore part of the shop is given over to perfumery and cosmetics, the pharmacy department flanking the left rear part and a photographic section the right.

Prescriptions are handed in at a prescription service counter between shop and dispensary, and the layout of the dispensary lends itself to easy working. Two island benches, each with its own stainless steel sink unit, are well spaced within the floor area, and the walls are lined with cases fitted with sliding glass fronts and shelving for dispensing rounds. The décor is in blue and white. Working surfaces of the dispensary benches are covered in blue laminated plastic that matches the blue lino-tiled flooring, and the remainder of the fixtures are painted white. Another link with the past has been maintained in the dispensary, in that the top part of the old-fashioned dispensary screen, with its wording "Dispensing Department" now adoms the rear wall of the dispensary.

# **NEW BOOKS**

#### Recent Research in Freezing and Drying

A. S. PARKES and AUDREY U. SMITH (editors). *Blackwell Scientific Publications*, *Ltd.*, 24 Broad Street, Oxford.  $10 \times 6\frac{1}{4}$  in. Pp. 320. 63s.

THIS volume gives a full account of the proceedings of the second International Symposium on Freezing and Drying held in 1958. Among the twenty-one papers published there are four dealing with the applications of freeze-drying to micro-organisms. They are—"The preservation of B.C.G." (by Y. Obayashi); "Freeze-drying of bacteria with special reference to B.C.G." (P. W. Muggleton); "Dried virus vaccines: the problem of batch size" (G. R. Scott and C. S. Rampton); and "Some observations on the freeze-drying of yeasts" (B. L. Brady).

#### **Biochemistry of Steroids**

ERICH HEFTMANN and ERICH MOSETTIG, Chapman & Hall, Ltd. (Rheinhold Publishing Corp., New York, U.S.A.), 37 Essex Street, London, W.C.2. 9 x 6 in. Pp. xi + 231. 55s.

An addition to the Rheinhold organic chemistry textbook series, the book is a study of steroid inter-chemical relationships and an introduction to steroid pharmacology. It opens with a brief account of the historical developments leading to the elucidation of the cholesterol molecule. Chapters follow dealing with the sterols; vitamin D group; sapogenins and alkaloids; cardiac glycosides; progesterone; corticosteroids; androgens, and cestrogens—all related by virtue of their steroid ring configuration. Each group is discussed in detail, within sections covering structure, synthesis, metabolism, physiological significance and assay. Presentation follows the pattern of Fieser and Fieser's Steroids (reviewed C. & D., October 3, 1959, p. 272), except that experimental procedures have been reduced to co-ordinated statements of results. Acquaintance with chemical nomenclature and fundamental organic reactions is assumed, but the authors have shown by means of structural diagrams, the derivation of the most complex molecule from its simple steroid

(Diels' hydrocarbon) base. A free-flowing style is maintained by the absence of foot-notes, an omission more than compensated for by the comprehensive list of recommended literature that concludes the text.

# Any Business Questions?

I have been informed that a proxy properly appointed by a shareholder at a company meeting would not be able to discuss relevant matters but only to vote on his behalf. Is that correct?

THE right to appoint a proxy to represent a member of a company is now a statutory one. A proxy properly appointed to attend and vote instead of a member of a private company has the same right as the member to speak at the meeting. Unless the Articles provide so, however, the proxy is not entitled to vote except on a poll. The notice of proxy must be lodged with the company not more than forty-eight hours before a meeting or adjourned meeting.

I am shortly moving to live over my shop premises. The flat (with separate entrance alongside the shop entrance), is at the moment separately rated. Would it be advantageous to have the whole premises rated together, and can I claim light and fuel accounts through the business accounts and interior decorations?

RATES applicable to the private portion of the premises are disallowed for tax purposes even though charged in the accounts of the business. If rated as a single unit, the private proportion needs to be estimated and agreed. Doubtless some charge will also need to be included for any office, etc., work done in the upper part, though that would equally apply whether or not there was a separate rating. Light, fuel and interior decorations have similarly to be considered. Expenditure that can be related to personal use must be excluded: again some part may be allowable by reason of office use.

#### A PHARMACIST'S ANTHOLOGY

#### LET YOU AND I BE DOCTORS

(From "Japhet in Search of a Father," by Captain Marryat) "MR. Brookes instructed me in the art of labelling and tying up, and in a very short time I was very expert; and as Timothy predicted, the rudiments were once more handed over to him. . . . Before I had been many months in the shop, Mr. Brookes was able to leave when any exigence required his immediate attendance. I made up the pills, but he weighed out the quantities in the prescriptions; if, therefore, any one came in for medicines, I desired them to wait the return of Mr. Brookes, who would be in very soon. One day, when Mr. Brookes was out, and I was sitting behind the counter. Timothy sitting on it, and swinging his legs to and fro, both lamenting that we had no pocket money, Timothy fro, both lamenting that we had no pocket money, I mothy said, 'Japhet, I've been puzzling my brains how we can get some money, and I've hit it at last; let you and I turn doctors. . . . An old woman came in, and addressing Timothy, said, 'That she wanted something for her poor grandchild's sore throat.' 'I don't mix up the medicines, ma'am,' replied Timothy; 'you must apply to that gentleman, Mr. Newland, who is behind the counter; he understands what is good for everybody's complaints.' 'Bless his hardsome face—and so young, too! Why, be you a stands what is good for everybody's complaints.' Bless his handsome face—and so young, too! Why, be you a doctor, sir?' 'I should hope so,' replied I; 'what is it you require—a lotion, or an embrocation?' 'I don't understand those hard words, but I want some doctor's stuff.' 'Very well, my good woman; I know what is proper,' replied I, assuming an important air. 'Here, Timothy, wash out this phial very clean.' 'Yes, sir,' replied Timothy, very respectfully. 'I took one of the measures, and putting in a little white liquid from the medigreen, a little blue, and a little white liquid from the medicine bottles generally used by Mr. Brookes, filled it up with water, poured the mixture into the phial, corked and labelled it haustus statim sumendus, and handed it over the counter to the old woman. 'Is the poor child to take it, or is it to rub outside?' inquired the old woman. 'The directions are on the label;—but you don't read Latin?' 'Deary me, no! Latin! and do you understand Latin? 'Deary me, no! Latin! and do you understand Latin? What a nice clever boy!' I should not be a good doctor if I did not,' replied I. On second thoughts, I considered it wiser and safer that the application should be external, so I translated the label to her—'Haustus, rub it in—statim, on the throat—sumendus, with the palm of the hand."

# FIGURES IN THE PHARMACEUTICAL WORLD

FROM Filey Brig to the Barrier Reef is but a short distance when measured by time and not mileage, and the basic problems in pharmacy arc likely to be much the same in both areas, whether they concern the potency of crude drugs or the accuracy of dispensing methods. The many friends of Dr. J. G. Dare, Leeds, will therefore hope that the transition from the University of Leeds to the University of Queensland will present no difficult problem for him. With his family he left this country on November

Dr. Dare, until recently lecturer in pharmacy at Leeds University, is known for his eminently practical approach to problems. It was that aspect of his outlook that no doubt determined his first entry into pharmacy. When he left school in Scarborough in 1931 he was offered two posts, one in a local office. the other in the pharmacy of J. Otley. Ltd., Filey. In spite of his parent's hopes that he would choose banking as a career, he preferred what he described a career, ne preferred what he described as "mixing with people and doing a practical job." He now says that the outstanding memory of his apprentice-ship in a general pharmaceutical busi-ness is of working "all hours of each day during the August holiday month." The apprenticeship completed, he attended the Leeds College of Technology, where his latent teaching talents became evident. His "matchstick" drawings, in chalk, on the blackboard were in demand when notices of students' activities were required, and a number of his fellow students will recall certain caricatures that supported an announcement placed in a commanding position near the entrance of the building, concerning a hockey match arranged between the pharmacy and the Apothecaries' Hall students.

Because he intended to turn to the industrial, rather than to the retail side of pharmacy, Dare decided to take the then higher Ph.C. qualification, but as things turned out he did not leave the academic sphere since Mr. A. W. Lupton, then lecturer in pharmacy at Leeds University, asked him to return as a member of the teaching staff after he had qualified. For his first three years on the staff he held the Richard Reynolds Research Scholarship given to commemorate the memory of one of the original members of the partnership of Reynolds & Branson, forerunners of the limited company of that name that exists today; Richard Reynolds had himself for a number of years been a teacher of chemistry and pharmacy at the Leeds Medical School. Although the scholarship had been available for a number of years, Dare was the first pharmacist to hold it.

A period of war service interrupted his pharmaccutical career when, in order to ensure a renewed contact with the sea he resigned from the membership of the Society, thus stepping out of a reserved occupation, and became a member of the Royal Naval Volunteer Reserve, later qualifying as a pilot and spending much of his time in the United States and Canada.



DR. J. G. DARE

On the death of Mr. A. W. Lupton, Dare was, in 1947, promoted lecturer, and five years later gained the degree of Ph.D., the title of his thesis being "Quantitative Studies on Bacterial Pyrogens." Since that date he has published other papers dealing with pyrogens in addition to reports on digitalis. the evaluation of drugs affecting gastric secretion, body temperature and hista-mine response in man, In 1957, along with Dr. K. R. Capper, he presented at a professional session of the British Pharmaceutical Conference a paper entitled "Dispensing Tolerances in Medicines"—a paper that has often been quoted by authors of more recent papers on similar subjects. Besides being a member of the British Pharmaceutical Conference Executive. Dr. Dare is a member of the British Pharmacological Society and the Biometric Society, as well as being a member of the Pharmaceutical Society's board of examiners. But not all his activities have been in the academic field, for he was a member of the Leeds (A) Group Hospital Management Committee, which controls possibly the largest general hospital in Europe, and a member of the Leeds Regional Hospital Board pharmaceutical advisory committee. In

spite of those commitments Dr. Dare has not omitted to become active in local pharmaceutical affairs, Earlier this year he was elected chairman of the Pharmaceutical Society's' Leeds and District Branch and, when it was known he was to leave the country the members of the branch committee presented him with a silver salver in appreciation of the work he had done and the interest he had taken in affairs of the branch.

Dr. Dare does not consider that his students, though studying exclusively for the degree in pharmacy, are being prepared merely for the research, industrial or hospital sections of pharmacy. He sees no reason why the graduate should not be just as interested in retailing, a field in which the graduate's knowledge can be used fully to assist the medical practitioner. That broad attitude towards the future of graduate pharmacists should help Dr. Dare when he takes up his duties in Australia in the middle of this month. The Department of Pharmacy of the University of Queensland, Brisbane, is a completely new department, and students are to be admitted to a course leading to the Bachelor of Pharmacy degree.

# ADVANCES IN CHEMICAL RESEARCH

# Problems solved at National Chemical Laboratory

TWO years ago the Council for Scientific and Industrial Research announced changes in the functions of the Chemical Research Laboratory at Teddington, Middlesex (see C. & D., July 19, 1958, p. 49). Those changes involved reorganising the existing research programme in order to concentrate on selected problems of national importance. Subsequent achievements of the laboratory (renamed the National Chemical Laboratory at the time of reorganisation), were exemplified at the recent "open days" at Teddington.

The work of the laboratory is carried out by six main groups under the direction of Dr. J. S. Anderson, F.R.S. The primary objectives at present are the extraction and utilisation of indigenous raw materials; determination of fundamental properties of organic and inorganic compounds; prevention of corrosion of metals; and development and

application of new materials.

The extraction-of-metals group is studying the separation of uranium, beryllium and gold from low-grade ores and concentrates, and the purifi-cation of the extracts. New techniques are being investigated and developed, one recent example having been the construction of a rotary film contactor which permits solvent extraction of metals direct from slurries, so eliminating the expensive liquid/solid separation stage of filtration processes. new wing of the laboratory is equipped to carry out all aspects of hydrometal-lurgical research—crushing, grinding, classification, leaching, filtration, ion exchange, solvent extraction and pre-

The inorganic group is engaged in the separation and purification of the rare earth elements, which have specific uses in the manufacture of optical glass and ceramics and as semi-conductors in electronics. Methods of separation by ionexchange chromatography have been developed to small pilot-plant scale, For

the selective removal of certain members of the rare earth elements a continuous process has been achieved with sodium amalgam. The high purification of semi-conductor materials is being actively pursued by the employment of the "zone-refining" technique, and in certain instances radioactive tracers are used to follow the process of purification.

Precise information on the properties of pure chemicals plays an important part in industry for the design of new chemical plant. A major commitment of the laboratory is embodied in the work of the chemical thermodynamics group, which is conducting a systematic programme to secure that knowledge. Among the fundamental properties measured are specific heats of liquids and vapours; critical temperatures and pressures; heats of combustion; and spectroscopic data. A necessary adjunct to those measurements is the provision of compounds in the highest state of purity, and the group attains that objective by using techniques such as fractional distillation, gas chromatography, zone-refining and fractional freezing.

#### Corrosion of Metals

Metallic corrosion, which costs the United Kingdom an estimated £600 millions per annum, is prominent in the laboratory's research programme. Much of the present work of the corrosion group is concerned with the corroding action of water, air and soil on iron and steel. The underground corrosion of those metals is proving to be mainly a microbiological problem. The "aggressiveness" of soil towards those metals is largely due to anaerobic sulphate-reducing bacteria, which include 100 to 150 strains of clostridium and various vibrio. A redox probe is utilised at the laboratory for measuring the dcgree of aggressiveness of different soils. soil having a low (E<sub>h</sub>)—measured

between a calomel reference electrode within the probe and a platinum electrode at its tip—would favour growth of sulphate-reducing organisms, and hence be classified as aggressive.

Isolation of causative bacteria from soil samples is also being carried out. The separation process commences with incubation of the sample at 30° C, (55 where thermophils are suspected) in an indicator medium containing cysteine to promote growth (estuarine soils require sodium chloride in addition to encourage growth of halophilic organisms). The medium is blackened by organisms that include the sulphate-reducing types. They are isolated by creating autotrophic growth conditions -sodium sulphite, neomycin and streptomycin are added to the culture. resulting in stasis of other bacteria, Subsequent incubation results in development of colonies of the required organisms alone, which are then subcultured. Suspensions are prepared and freezedried to await investigation, using an apparatus constructed to determine metallic corrosion in semi-continuous bacterial cultures.

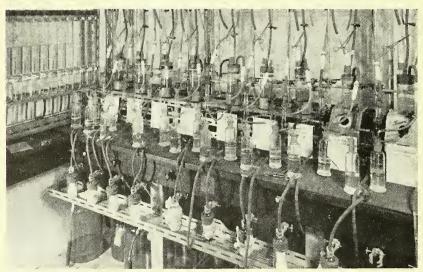
Another aspect of the work on corrosion is the study, by electrochemical and radio-tracer methods, of the mechanism whereby certain anions - chromate, benzoate, nitrite, etc., confer protection from corrosion in neutral solutions.

#### New Materials Group

The new materials group is currently engaged in developing polymeric materials with novel properties. Ion-exchange resins (first produced in the laboratory in 1934) are now widely employed in industry for the separation of complex mixtures of ions of like charge. The use of ion-exchange membranes to make separation a continuous process has been studied; that would replace the discontinuous operation imposed by particulate resins in columns. In addition, proton-selective membranes, which are permeable to hydrogen ions but impermeable to other cations, have been constructed. They are potentially useful in multi-compartment electrolytic cells for the preparation of acids and bases from their corresponding salts. Electron-exchange polymers (i.e., polymers with reversible oxidation-reduction properties) such as quinone/hydroquinone systems, are being studied with a view to their utilisation in processes requiring, for example, removal of dissolved oxygen from water; maintenance of anaerobic conditions in ferments; inhibition of hydrogen peroxide in organic solvents, etc.

The director's research unit present engaged in studies of field emission spectroscopy, with particular regard to what happens when an atome.g., oxygen—collides with a clean sur-

face. The research groups are supported by an analytical service that provides data of molecular weights, visible and ultra-violet spectroscopy, micro-analysis and polarography.



Apparatus for comparative investigations of bacterial corrosion of metals in semi-continuous cultures of sulphate-reducing bacteria taken from various soils.

# **EQUIPMENT AND ACCESSORIES**

Replaces the Hand-towel. — The Schott Handdryer marketed by Broadway Supplies, Ltd., 33 Great Titchfield Street, London, W.I, is an electric hand dryer with an automatic cut out to prevent overheating, and incorporating a time switch adjusted to sixty seconds. The dryer weighs 3 lb. approx. and measures  $7\frac{1}{2} \times 5 \times 4\frac{1}{2}$  in.

Refuse Disposal.—The use of multiwall paper sacks as containers for refuse has been adopted with great success on the Continent, and the scheme has been introduced in England by William Palfrey, Ltd., 24 City Road, London, E.C.1. The Palfsack multiwall paper sack is sealed with a simple closure and taken away by the dustman on his next call.

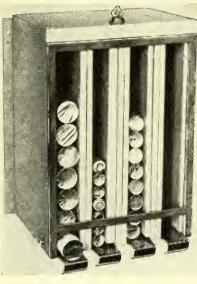
Non-wetting Humidifier.—The availability of a new portable humidifier, the Aerosolette, is announced by Aerosol-Turbo, Ltd., 14 Cross Belgrave Street, Leeds, 1. The unit is readily portable,



plugs in anywhere, and emits moisture in the form of micro-aerosols at the rate of 1 pint per hour. Regulation is by time control or humidistat, making the unit ideal for use in laboratories. conditioning chambers. sample rooms, etc. Patented features of the design ensure that the unit is non-wetting. It may be used for dispersing germicides, insecticides, deodorants, or perfumes.

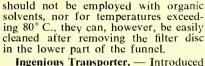
Heat Sealer. — Manifold Machinery Co., Ltd., 660 Great Cambridge Road, Enfield, Middlesex, have introduced a new automatic impulse heat sealer that will seal Polythene, Melinex, nylon (for surgical purposes), P.V.C. and coated papers to other materials. The standard model has 16-in. jaws and is capable of sealing material up to 050 in. thickness. It can be operated in any position, and gives outputs up to 1,200 seals per hour according to the type of material being handled. The automatic control unit controls the temperature of

weld, the heating time of the weld and the cooling time of the weld. This sealer can be used for the packaging of powders, granulated materials, liquids or solids. Syringe Dispenser. — The Essex syringe dispenser introduced by Surgical Equipment Supplies, Ltd., Westfields Road, London, W.3, has been designed to provide an efficient and reliable link between a hospital centralised syringe service and the ward or theatre. It is intended to be permanently affixed to a wall or special island unit. The basic unit consists of a



battery of four compartments each designed to accommodate ten 20-mil syringe tubes. Those may, however, be reduced in size by means of interchangeable fitments so that they can accommodate 1-mil or 2-mil, 5-mil and 10-mil tubes. Any number of the batteries may be used to cater for any size of ward. Each battery has a glass-fronted panel, so there is an immediate check on its contents to aid replenishments. The "dispenser" is fitted with a lock so that, after it is filled and locked, there is no possibility of reissuing a syringe once it has been taken from drawer. The body of the dispenser is constructed from rust-proof steel and is stove enamelled white or cream, as desired.

Buchner Funnels.—Less liable to be damaged if roughly handled, the new types of polythene Buchner funnels manufactured by Goodburn Plastics, Ltd., Arundel Road, Trading Estate, Uxbridge, Middlesex, are supplied in three sizes to fit filters of 11, 15 or 24 cms. diameter. These new funnels

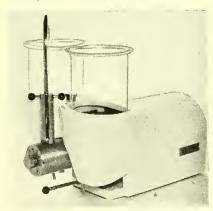


Ingenious Transporter. — Introduced by Tool Treatments (Chemicals), Ltd., Colliery Road, Birmingham Road, West



Bromwich, the new Mini-Bogie device presents a quick, easy and economical method of man-handling a wide range of commodities within factories. The large high-density rigid polythene container, size 18 x 15 x 13½ in, is mounted on an ingenious transporter that is easily pulled along the straight, or swivelled round on its own axis to negotiate awkward spaces. The container, which can be sterilised, is suitable as a carrier for chemicals and corrosive materials or other easily contaminable products, is available separately. It is stackable, so providing a convenient method of storage.

Homogenisation. — Constructed so that all parts in contact with the liquid are of stainless steel and corrosion-resistant materials the Minisonic Model 3 ultrasonic homogeniser, manufactured by Ultrasonics, Ltd., Westgate, Filey, Yorkshire, based on the principle of the liquid whistle, can be used for lab-



oratory, small batch, pilot-plant purposes. With it small quantities of emulsions and dispersions can be quickly made. Up to three litres can be treated at one filling.

# **BRANCH AND ASSOCIATION EVENTS**

WEST MIDDLESEX

#### **Problems and Children**

Many members of the West Middlesex Branch of the Pharmaceutical Society were present to hear an interesting talk by Dr. Portia Holman and Mr. John F. Kelsall of the Middlesex County Council child guidance clinic. The speakers described their day-to-day work in handling backward and mal-adjusted children and many of those present became aware of the tact that was necessary, and the magnitude of the problem with which educational psychologists and psychoanalysts had to deal. Mr. Kelsall who, besides being a psychiatrist, had also been a teacher, referred to many tests that had been carried out with different groups of children to determine their reaction and progress in number work. It was an interesting fact that those children who were given encouragement did much better than those who were ignored or governed autocratically. During the discussion that ensued, many of the members gave instances of the type of psychiatric problem with which their customers presented them. MR, KIT-CHENER, in proposing a vote of thanks, suggested that the speakers, instead of examining the children, should pay more attention to the teachers and particularly the parents. In his opinion if those groups received proper guidance the problems of the children would cease to exist.

#### LIVERPOOL

#### **Great Expectations**

What does the ordinary member expect of his local branch and Associa-That question was discussed at the first meeting of the 1960-61 session of Liverpool Chemists' Association and Branch on October 6. Mr. A. L. Saul presided in the absence of Mr. C. W. Robinson, who was ill. Mr. L. CLITHEROW advocated greater effort to interest the younger pharmacists, more liaison with the Guild of Public Pharmacists, and more formal meetings with informative lectures. For instance a talk by a representative of a firm of cosmetic manufacturers on the subject of dyes in cosmetics—a subject with which recently there had been some trouble—would be interesting. A social outing to a mutually convenient venue odding to a mutuary convenient venue could be tied up with a meeting with Manchester, Preston, Blackpool and other branches of the Society. Mrs. LEIGH said that if members did not like the policy of the Society's Council they could take steps to make their cil they could take steps to make their views known through the branches. The branches should provide the opportunity for discussion, give information and guidance and uphold professional freedom. Pharmacists should have the courage to say " no " manufacturers' representatives came to them with products they knew to be worthless. No public relations officer could raise the standards of pharmacists; it must be done by the pharmacists themselves and they must support the branch, Mr. M. A. COOPER suggested that there should be more meetings dealing with everyday prob-

lems of pharmacy and aimed at keeping pharmacists up to date with new products and new techniques. Mr. S. M. Benson suggested that classes should be arranged for unqualified members of staffs of pharmacies that would raise the standard of assistants and attract more suitable young people.

MR. W. E. HUMPHREYS commented that the subject of remuneration would always attract a good attendance at meetings. Winding up the discussion, Mr. Saul said a technological evening at the City Technical College had been arranged for December 1, when there would be demonstrations of tablet making, intravenous drip, etc. referring to the Guild of Public Pharmacists, Mr. Saul went on: "What we get for dispensing fees is tied up with what the hospital pharmacists get. We what the hospital pharmacists get. We should be paid on the same basis as doctors. We should be paid in the region of £2,000 a year. If we were on that basis and paid a reasonable amount for our qualifications, we would not have to sell products that have no relation to pharmacy."

#### HARROW

#### "Few Drugs Are Harmless"

VERY few drugs could be described as harmless for nearly all had side effects when taken in quantity, said DR. F. E. CAMPS (Home Office pathologist) at a meeting of the Harrow Branch of the Pharmaceutical Society on October 25. Dr. Camps who was speaking on "Poisoning—Accident, Suicide or Murder?" illustrated his talk with coloured slides many of which showed the corrosive action of certain poisons on the stomach and toxic effects on other Of the current trend towards coloured capsules and tablets, Dr. Camps said he wished the manufacturers would adopt some standard to facilitate quick recognition. Showing a series of coloured tablets which closely resembled sweets, he said that a child was not particularly attracted by the colour or taste. The child, in fact, had a different taste from adults and some things (for example, cod-liver oil) which tasted revolting to adults could be enjoyed by some children. By far the best way to avoid accidental poisoning of children was for the parents to take the precaution of not leaving medicines where the children could get hold of them.

#### Annual Dinner and Dance

REFERENCE to the interdependence of the medical and pharmaceutical professions was stressed by speakers at the annual dinner and dance of the Harrow Branch of the Pharmaceutical Society on November 2. Dr. C. Thomas (area medical officer of health), proposing the toast, "The "Pharmaceutical Society" said that since he last performed the same task at the branch's dinner two years ago, there had been a tremendous advance in medicine. Poliomyelitis was then something of a plague but today thanks to a vaccine, largely made in Britain, that disease was "on the run" and soon it might be possible to obtain immunisation by taking tablets. Such

diseases as ringworm were "now cured by taking two small tablets." He quoted the Dean of Harvard medical school as saying "In ten years' time half of what we know today will be found to be wrong ... but the trouble was we don't know which half," added Dr. Thomas. Replying, the President of the Society (Mr. T. Reid) acknowledged the part played in the fight against disease of, among others, the biologists and the pharmacologists. "Their work is rewarding, stimulating and worth while, if not remunerative." Two former "killers," diphtheria and tuberculosis, had almost been stamped out but it must be remembered that without publicity given to the campaigns such a happy state of affairs would not have been possible. president then paid a tribute to the branch chairman (Mr. H. Treves Brown). Pharmacy, he said, owed much to him through his work on various committees which had the task of producing textbooks of help to pharmacists and his long service with and great interest in the British Pharmaceutical Conference of which he was chairman in 1959. The president recalled that in 1944 Harrow and neighbouring branches organised a meeting of Council candidates. He attended the meeting and although unsuccessful in the subsequent election the experience had encouraged him to persevere. THE CHAIRMAN, in proposing the "Borough of Harrow," said that it was the first occasion on which the branch had had the honour of entertaining the mayor. THE MAYOR (Alderman H. R. Sheldrake) after referring to some of sheldrake) after referring to some of the proposed changes to be made in the shopping centre of Harrow said his council welcomed suggestions from the business people of the borough and suggested that more should join the local chamber of trade which could then act as a mouthpiece. Mr. C. C. STEVENS, who replied to the toast of the guests proposed by Mr. G. W. Horsley (social secretary), said that accuracy and cleanliness were the very hallmark of pharmacy.

#### LONDON

#### ... and New York

A VISIT to the United States and the impressions gained from it, were described to members of the East Metropolitan Branch of the Pharmaceutical Society at a meeting in London, recently, by Mr. H. Ridehalgh (a member of the Society's Council). The visit was a prize in a window-dressing competition. The members were entertained by the downto-earth descriptions of the American scene. There appeared to be three main types of pharmacy in New York—the all-dispensing professional business run on Continental lines, the dispensing and counter sales business similar to those in Britain, and the multitudinous drug stores with soda fountain and hardware sections. The American pharmacist had a high social standing, his remunera-tion was good, and in common with the other professions, he had a high standard of living. At the completion of that talk, Mr. Ridehalgh spoke informally on "Apathy in Pharmacy."

# **CUMULATIVE LIST OF AMENDMENTS TO THE**

# C. & D. Quarterly Price List, September 1

# ● THIS WEEK'S CHANGES ARE GIVEN SEPARATELY AT END

20 Carats (350 Dana)		refill ½ oz 015R 26 0ea 12 8ea 52 6
perfume trial 124A	45 0 22 3 <b>7 6</b> 6 3ea 3 1ea <b>12 6</b>	4 oz 012 135 0ea 65 10ea 270 0 de luxe bottle ln coffret 1 oz 90 0ea 43 10ea 180 0
124A 124V	10 6ea 5 2ea 21 0	"Secret de Venus" bath oil
Abicol (147 Boots)		½ oz 060B 20 9ea 10 1ea <b>42 0</b>
tablets 100 500	14 0ea <b>21 0</b> †s4B 64 0ea <b>96 0</b> †s4B	1 oz 061 37 6ea 15 3ea <b>75 0</b> 2 oz 062 67 6ea 32 11ea <b>135 0</b>
Actifed (208 BW)		4 oz 063 127 6ea 62 2ea 255 0
compound linetus 4 oz	000 0	bobine 1 060 4 3ea 2 0‡ea 8 6
syrup 20 oz		bobines . 12 060 50 0ea 24 4 dea 102 0  A. & P. (104 BP)
20 oz	200 0 <b>25 0</b> †s7	Infants' powders 15 0 3 9 1 11
tablets 500 Adaptoplast (339CG)	1040 0 <b>130 0</b> †s7	Aramine (837 MSD) 1 mil 12 30 0ea 45 0 10 mils 20 0ea 30 0
dressings, first aid M286	7 6 10½	Arrid (1003 PP)
M285	15 0 <b>1 9</b>	roll-on refill 27 0 6 9 3 6
Adcortyl-A (1176 Squibh) ointment . 50 gm	31 9ea 47 7½ TS	Asmapax (70 Aspro) 250 420 0 52 6 †84B Atkinsons (76 Atkinson)
with Graneodin 50 gm		men's range
Adwin (266 Clarnell) paediatric 4 oz	30 0 <b>4 5</b>	after shave lotion6540 64 0 31 2 10 6 Cologne6554 75 0 36 7 12 6
paediatric 4 oz 16 oz		crystal after shave 6534 64 0 31 2 10 6
tablets 100	52 0 <b>6 8</b>	pre-electric shave6542 64 0 31 2 10 6
Aidex (339 CG) 500 C153		shaving bowl6537 72 0 17 7 10 6 refill6538 36 0 8 9 5 3
Albion (339 CG)		cream lather 6530 45 0 11 0 6 6
cotton wool½ oz	F 4	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
2 oz		Azymil (176 BCLO)
4 oz		capsules 30 49 6 6
8 oz 16 oz		Baghari (Plguet (1201 Supervite)) hath oil ½ oz 13 0ea 6 6ea 26 9
Aldactone (1121 Searle)	·	Balto (727 Lane)
tablets 100 mgm 20 100		foot balm 1½ oz 17 11 4 6 2 6
Aldls (884 NB) beaded screen		Bandit (Piguet (1201 Supervite))
"Square 40" "Square 50"	119 6 159 6	bath oil ½ oz 13 0ea 6 6ea 26 9  Barbevite (1348 JW) 5 oz 48 0
Aldocorten (262 CIBA)	159 6	Barbevite (1348 JW) 5 oz 48 0 751s4A 20 oz 15 0ea 761s4A
ampoules 1 mil	27 4ea 41 0 TS	80 oz 53 0ea †8184A
Alficetyn (34 A&H) capsules 250 mgm 1?	162 0 20 3 TS	Barbidex (70 Aspro) 30 42 0 5 3 †s1s4A 250 294 0 36 9 †s1s4A
190	107 2ea <b>160 9</b> TS	250 294 0 36 9 †s1s4A  Basket of Flowers (1070 Windsor)
cream 1000		toilet soap2112 58 0 13 9 7
dusting powder 5 gm		Beauti-Lash (385 DG) gross gross
ear drops 5% 15 mils		mascara applicator 75 0 37 6 12 6
10% 5 mils powder non-sterile 5 gm		refill 46 0 23 0 7 9  Become! (324 Crookes)
25 gm	100 2ea <b>150 3</b> TS	elixlr 4 oz 26 0 3 3
suspension 100 gm		8 oz 40 0 5 0 80 oz 360 0 45 0
Allercur (1107 SAGB)		Becosym (1074 Roche)
(distributors 973 Pharmet tablets 20 mgm 20		with B12 ampoules 6 84 0 10 6 50 480 0 60 9
All Fours (488 Fylde)	2 5gea 3 8 787	50 480 0 60 9  Beecham's (104 BP)
mixture 8 oz	13 6 3 4½ 2 0 †	pills 15 0 3 9 1 11
Aludrox 8A (1352 Wyeth) suspension 12 oz	72 0 18 0 9 6 †s1s4A	93 0 8 3 4 3 powders 15 0 3 9 1 11
tablets 50	47 3 11 10 6 3 †s1s4A	31 2 7 91 4 0
Ambre Solaire (525 Golden)	168 0 42 0 22 2 †s1s4A	107 0 26 9 3 doz 60's doz 60's
aerosol	91 0 45 6 <b>15 0</b>	tablets 15 0 3 9 1 11
Amphetone (1348 JW) 10 oz 20 oz		31 2 7 9 4 0  Benbows (506 Gerhardt)
40 oz		roundworm tablets 15 0 1 9
80 oz		super vitamin condition
Anabolex (769 LH) tablets 25 mgm 250	160 0ea †s4B	tablets 10 8 6 1 0 30 21 0 2 6
Anadin (655 ICC)	•	tapeworm tablets 15 0 1 9
'tablets 20 50		Benerva (1074 Roche) tablets 300 mgm 25 100 0 12 6
100		100 300 0 37 4
Anapolon (649 IC1) tablets 5 mgm 25	228 0 <b>28 6</b> †s4B	Bengue's (115 Bengue)
100	840 0 105 0 †s4B	2 oz 27 6 6 8k 3 8
Andre Philippe (48 AP)		Better Off (385 DG)
Andre Philippe (48 AP) eau de cologne/lavender 18	9 0 4 6 1 6	for the face 66 0 33 0 11 0 for the legs 54 0 27 0 9 0
men's roll-on deodorant 104	16 10 4 21 2 6	Biotrase (769 LH) 35 gm 45 0 11 3 6 0
perfume story book XI Andrews (976 PS&T)	18 0 9 0 3 0	Bipepsogin (1152 SK) 16 6 4 1 2 3 Blacfrutex (1351 WLU)
liver salt 4 oz	16 0 4 0 <b>2 1</b>	cough linetus 11 3 2 9\frac{1}{2} 1 10
diabetic 8 oz		Body Mist (303 County) 17 5 4 4 2 9
Angel Touch (256 CPL) tube	17 4 8 8 2 9	roll-on refill 23 4 11 8 3 9
bottle	23 8 11 10 <b>3 9</b>	spray 23 4 11 8 3 9
Antilope (Well) (960 ADP)		B-R (1023 Radiol) 40 6 20 3 6 6
eau parfumee 2 oz 080		healing jelly 2 oz 22 6 5 7 3 0
4 oz 081 8 oz 082		Breck (1169 GS&S) creme rinse 2½ oz 27 6 13 9 4 7
16 oz 083	46 3ea 22 6ea 92 6	4 oz 35 0 17 6 <b>5 10</b>
perfume handbag 017	7 9ea 3 9ea 16 0 14 9ea 7 2ea 30 0	Bristow's (303 County)
1 oz 015		_ star spray 80 0 40 0 12 6
	26 3ea 12 9lea53 0	Bronchipax (70 Aspro)
1 oz 014 2 oz 013	26 3ea 12 9lea53 0	Bronchipax (70 Aspro) tablets 6 42 8 10 8 2 0
handbag coffret 2 oz 013	26 3ea 12 9½ea53 0 4 42 0ea 20 6ea 85 0 5 75 0ea 36 6ea150 0 1 15 9ea 7 8ea 32 0	Bronchipax (70 Aspro) tablets 6 42 8 10 8 2 0 3 doz 3 doz
handbag coffret SE diffusette to 2 oz 013	26 3ea 12 9\text{\frac{1}{2}}ea 53 0	Bronchipax (70 Aspro) tablets
handbag coffret 2 oz 013	26 3ea 12 9\frac{1}{2}ea 53 0	Bronchipax (70 Aspro) tablets 42 8 10 8 2 6 3 doz 3 doz 24 39 0 9 9 5 6

Bronnley (194 Bronnley)				ea 12 9lea63 €
after shave cream $209$ lotlon $2\frac{1}{2}$ oz $201/2$ 5 oz $201$	33 0 25 3 45 6	16 1 6 9 12 3 4 3 22 2 7 6	2 ox 013 75 0c	ea 20 6ea 65 0 ea 36 6ea 160 0 ea 7 8ea 32 0
baby lotion	$\begin{array}{ccc} 20 & 6 \\ 17 & 0 \end{array}$	5 0 <b>3 0</b> 4 2 <b>2 6</b>	"Secret de Venus" bath oil	ea 10 1ea 42 0
powder 3 oz	17 0 44 6 75 6	4 2 2 6 21 9 7 6 36 10 12 9	2 oz 062 67 64 4 oz 063 127 64	ea 18 3ea 75 0 ea 32 11ea135 0 ea 62 2ea265 9
salts apothecary jar $436$ bay rum $2\frac{1}{2}$ oz $207/2$	$\begin{array}{ccc} 51 & 0 \\ 22 & 3 \end{array}$	24 11 <b>8 6</b> 10 9 <b>4 2</b>	boblnes single 060 4 36 boblnes 12 060 50 06	ea 2 0 ea 8 0 ea 24 4 ea 102 0
5 oz 207 beauty Cologne 2½ oz 1027/80	34 6 54 0	16 10 6 3 26 4 9 6	6assells (Dr.) (104 BP) tablets	
5 oz 1027/81 bath essence	76 0	39 0 13 6	Geelite (315 Crater) electric blanket control	8 9
2½ oz 1027/82 5 oz 1027/83 hand lotion 5 oz 1027/84	54 <b>0</b> 76 0 39 6	26 4 9 6 37 0 13 6 18 9 7 0	with neon  Geetherm (315 Crater) electric blanket control	10 •
talcum powder 1027/85 bath cubes (6) 1027/86	24 6 28 6	12 0 <b>4 3</b> 13 11 <b>6 0</b>	<b>Celbenin</b> (1393 BRL) <b>vials</b> 1 <b>gm</b> 5 65 00	ea 97 6 TS
brilliantine 2½ oz 206/2 5 oz 206	54 0 22 3 34 6	26 4 9 0 10 9 4 2 16 10 6 3		ea 487 6 TS ea 1960 0 TS
honey and flowers 2½ oz 208/2	22 3	10 9 4 2	powders 15 0 31 2	7 91 4 0
5 oz 208 orlginal oatmeal cream 253/1 253/2	34 6 18 6 38 0	16 10 6 3 9 0 3 3 18 6 6 6	$egin{array}{cccccccccccccccccccccccccccccccccccc$	doz 60's
pine bath cubes (6) 2022/6 essence 10 oz 902	19 0 56 <b>9</b>	4 3 3 3 29 8 9 6	$\begin{array}{ccccc} \text{doz } 120^{\circ} \\ \text{tablets} & \dots & & 15 & 0 \end{array}$	s doz 120's 3 9 1 11
pre-electric shave lotion 200/2 200	25 3 45 6	12 3 4 3 22 2 7 6	31 2 170 2 doz 48's	42 61 6
shaving soap howl 205/R	$\begin{array}{ccc} 58 & 0 \\ 34 & 0 \end{array}$	14 2 6 6 8 3 6 0	Delete 60 Delete 120	
stick	$\begin{array}{cc} 20 & 0 \\ 10 & 3 \end{array}$	4 11 <b>2 9</b> 2 6 <b>1 6</b>	Check (665 JS) cream 271 14 0 spray 269 22 8 Chesties (1215 Teasdale) 3 4	11 0 3 9
baby toilet (3)1030 bath ball1008	$\begin{array}{cc} 41 & 0 \\ 57 & 0 \end{array}$	10 0 6 0 13 8 6 6	Delets (257 Chilton) 5 lb	114 6
beauty visitors (6) $1027/V$ toilet $1027/T$ bath $1027/8$	$\begin{array}{cccc} 42 & 0 \\ 10 & 6 \\ 20 & 0 \end{array}$	10 6 6 6 2 7 ! 6 4 11 <b>3 0</b>	Sportsman electric shaver Acculux rechargeable torch illuminated magnifier	67 6 42 0 12 4
$\begin{array}{cccc} \mathbf{colossal} & \dots & 1027/\mathrm{C} \\ \mathbf{lemon} & \mathbf{toilet} \dots & \dots & 601 \end{array}$	$\begin{array}{ccc} 51 & 6 \\ 11 & 6 \end{array}$	12 7 6 7 2 10 1 9	angle holder Accuflash	10 0
bath	$\begin{array}{ccc} 21 & 8 \\ 7 & 3 \\ 49 & 0 \end{array}$	5 3 <b>3 3</b> 1 9 <b>1 1</b> 11 11 <b>7 6</b>	equipment bag for photoflash thread counter	6 0
$egin{array}{lll}  ext{melon} & & 603/R \  ext{men's toilet (3)} & & 204 \end{array}$	110 0 46 0	26 10 16 0 11 3 6 9	screen plate throat spatula kit with stand dental kit with stand	12 6
original round bath 1007/3 pine toilet 3 oz 650	$\begin{array}{ccc} 23 & 0 \\ 10 & 6 \end{array}$	5 7 3 9 2 7 1 6	otoscope	113 4 16 6 20 6
bath 6 oz 651 pre-make-up 1052	18 6 11 6	4 6 2 9 2 7 1 9	reading lens	24 0
Scotch heather (3)1055 "sea shell" guest 435 "shell" (3)1050	$\begin{array}{ccc} 49 & 0 \\ 57 & 0 \\ 30 & 6 \end{array}$	12 2 7 6 13 8 6 6 7 5 4 6	spare bulb	2 3
turtle oil toilet 604/T bath 604/B	$\begin{array}{cc} 8 & 7 \\ 15 & 0 \end{array}$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	eau parfumee 2 oz 080 9 6	ea 4 7½ea19 6 ea 8 0½ea33 6
$\begin{array}{ccc} \text{sun-tan lotion} & \dots & \dots & \dots \\ \text{oil} & \dots & \dots & \dots \\ \text{talcum powder} & \dots & \dots & \dots \\ \end{array}$	$\begin{array}{ccc} 28 & 0 \\ 21 & 0 \\ 34 & 6 \end{array}$	13 11 4 9 10 3 3 6 16 10 6 9	16 oz 083 46 3	ea 12 9½ea52 6 ea 22 6ea 92 6
mens 203 turtle oil	26 0	12 8 4 6	₹ oz 016 14 9	ea 7 2ea 30 0 ea 12 9 2 ea 53 0
talcum powder 605 bath cubes (6) 606 (12) 607	$\begin{array}{ccc} 21 & 0 \\ 19 & 6 \\ 33 & 0 \end{array}$	9 6 3 6 9 6 3 3 16 0 6 6	2 oz 013 75 0	ea 20 6ea 65 0 ea 36 6ea 150 0 ea 7 8ea 32 0
Brontyl (769 LH) ampoules 2 mils 5	60 0 .		"Secret de Venus" bath oil	lea 7 8ea 32 0
Brylereem (303 County) tub	11 8 18 1	5 10 1 10 9 0k 2 10	1 oz 061 37 6 2 oz 062 67 6	ea 18 3ea 76 0 ea 32 11ea 135 0
dlspenser refill	32 0 25 6	16 0 5 0 12 9 4 0	bobine slngle 060 4 3	ea 62 2ea 255 0 ea 2 0½ea 8 6 ea 24 4½ea 102 0
Calvert's (219 Calvert) tooth powder polythene Calypso (Piguet (1201Supervite))	18 4	4 7 2 6	Chloromycetin (938 PD) capsules 0.25 gm 12 162 0	20 3 TS
bath oll doz  Cambison (614 Hoechst)	13 Oea	a 6 6ea 26 9		tea 160 9 TS tea 779 0 TS tea 1552 3 TS
(distributors 621 Horlicks) olntment 0.25% 5 gm	40 0 .	5 0 TS	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0 6 0 TS
0·5% 20 gm 5 gm 20 gm	$\begin{array}{cccccccccccccccccccccccccccccccccccc$		ear drops 5 mils 62 0 100 mils 63 0 endotonic compound	oea <b>7 9 TS</b>
perfune trial	45 0	22 3 <b>7</b> 6	cartridge 90 0 hydrocortisone ophthalmic	11 3 TS
729A 729V toilet soap (3) 507	6 3ea 10 6ea 6 0ea	a 5 2ea <b>21 0</b>	ointment tube 50 0	0 10 6 TS 0 6 3 TS 0 16 9 TS
Capriton (34 A&H) tablets 12	34 0	8 6 4 6	intravenous $6 \times 0.5 \text{ gm}$ 180 0 ophthalmic 25 mgm vial 42 0	22 6 TS 6 3 TS
Cardiazol (708 Knoll) llquid 10% 10 mils 100 mils	2 6ea 19 6ea		250 - 360 - 0	9 6 TS 0 45 0 TS 0 15 3 TS
tablets 10	2 9ea 21 0ea	a <b>3 6</b>	pure 5 gm 244 0 25 gm 100 2	ea
drops 100 mils tablets 10	20 0ea 3 0ea		succinate 1 gm 130 0	Bea 560 6 TS 0 16 3 TS 0 15 0 TS
Carters (1003 PP)	22 6ea	a 30 0	topical 5% 15 mils 84 0 Chlormytol (938 PD)	10 6 TS
llttle liver pills 36 100 Cassandra (Well) (960 ADP)	14 5 35 9	3 7½ 1 11 8 11½ 4 9	ointment 5 gm 68 0 15 gm 172 0 Colchipirine (292 C)	6 6 TS 21 6 TS
eau parfumee 2 oz 080 4 oz 081	9 6ea	a 8 0½ea <b>33 6</b>	tablets dp 400 227 4 dp 1000 575 4	†a7
8 oz 082 16 oz 083 perfume handbag 017	26 3ea 46 3ea 7 9ea	a 22 6ea <b>92 6</b>	Coldrex (976 PS&T)          24         41         8           Colgate (280 CP)         shaving stick refill          10         1	2 6 1 4
1 oz 016	14 9ea		Comba-Curier (888 Newey) 10 3	

	Conotrane (1305 WB) silicone cream 60 gm 200 gm 500 gm	60 144 25	0 0 0ea	7 18 37	6 0 6	Ekco (1377 Ekco)
	Corangil (37 Allled)	8	0ea	40	4 ts1	120 0 30 0 17 6 tablets
	250 1000		10ea 6ea		9 †81 3 †81	176 0 44 0 25 8 Elastoplast (1155 S&N)
	Cordex (1263 Upjohn) tablets 100	7	7ea		TS	first aid dressings $3 \times \frac{7}{4}$ in 100 11400 114 0 13 3
	forte 500	29 14	6ea		TS TS	waterproof $3 \times \frac{7}{8}$ in 100 12400 114 0 13 3
	Cravens (316 Craven)	62	8ea		TS	alrstrip $3 \times \frac{7}{8}$ in 100 14400 171 0 20 0
	best harley sugar 5 lb best English mints 5 lb	13 11 14	4ea 101ea		10 qtr 9 qtr 10} qtr	Emir (350 Dana) perfume
	blackcurrant aniseed 5 lb blackcurrant pastilles 1 lb 6 lb	10 19	2ea 3 8ea	1	0 qtr 0 qtr	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
	Blix licorice pastilles 6 lb crystal mints 4 lb	16 10	0ea 8ea		10 qtr 10 qtr	Enavid (1121 Searle)
	glucose lemon barley 5 lb menthol and		10 ea		9 qtr	tablets 10 mgm 20 31 0ea 46 6 †s4Fs 50 69 10ea 104 9 †s4Fs 250 323 3ea 484 10 †s4Fs
	eucalyptus BPC 5 lb Creme Simon (317 CS)	16	5ea		0 qtr	Endoxana (1305 WB) tablets 50 ngm 50 22 0ea 33 0 †s1s4A
elete	Nucia jar Crookes (324 Crookes) B-comp	45 ex elixi		7	6	250 100 0ea 150 0 tsla4A vials 100 mgm 10 40 0ea 60 0 tsla4A
	tablets, 0.25 gm 10	20	0 5 0	2	8	200 mgm . 10 53 4ea 80 0 †s1s4& Energen (421 Energen)
	cuir de Russie (247 Chanel) soap toilet bath			_	0	low sugar jams strawberry ½ lb 15 0 1 8
	talcum			13	0 11	plum
	Cussons (388 Cussons) imperial leather hair cream					$\begin{array}{cccccccccccccccccccccccccccccccccccc$
	Cutipen (327 WC) 5480	14 19	0 6 10		6 3	Eno's (104 BP) fruit salt 24 0 6 0 3 0 42 8 10 8 5 4
	refill Cyphoids (1152 SK)	10 4	6 5 3 6 1 1	3 1	9 7}	Erythrocin (2 Abbott) Filmtabs 100 mgm . 25 10 3ea 15 5 TS
	Daranide (837 MSD)	9	0 2 3		3	100 38 10ea <b>58 3</b> TS 500 185 <b>2</b> ea <b>277 9</b> TS
elote	tablets 50 mgm 100  Dascote (1262 UL) 16 28	40	0ea	60	0	250 mgm 25 21 3ea <b>31 10</b> TS 100 83 7ea <b>125 4</b> TS
	Decadron (837 MSD) tablets enteric coated					500 406 3ea <b>609 4</b> TS I.M 1 mil 5 2ea <b>7 9</b> TS
	0.5 mgm 100 500	792 3774	0	99 471	0	2 mils 6 8ea 10 0 TS 10 mils 31 0ea 46 6 TS lactobionate 300 mgm 10 6ea 15 9 TS
	Deep (102 CB) treatment sham tube		0 12 (		9	lactobionate 300 mgm
	Deirosa (976 PS&T) rose-hip syrup6 oz	22	6	. 2	6	Eskornade (1153 SKF)
	Delta-Butazolidin (501 Geigy)	38	3	. 4	3	Spansule
	tablets 150 500 Dento (219 Calvert)	570 1740 10	$egin{pmatrix} 0 & \dots & & & \\ 0 & \dots & & & \\ 8 & & 2 & 8 \end{bmatrix}$	. 71 . 217 3 1	3 †84ATS 6 †84ATS 5	Eura 66 (884 NB) camera 38 6 Evan Williams (437 EW)
	Dequadin (34 A & H)		^	. 5	6	skin cream 7 6 3 9 1 3 12 9 6 4 2 2
	tulle 4 × 4 ln 10 36 Desert Flower (1131 Shulton)	44 89	0	4.4	11	Fashion Style (631 Hudnut) soft casual 202 33 6 16 9 5 6
	dusting powder hand and body lotion	77 44	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	3 7	6	200 53 6 26 9 8 9 very curly 203 33 6 16 9 5 6 201 53 6 26 9 8 9
	dispenser purse perfume	92 70	6 45 1 0 34 2	1 16	6	for children 998 29 6 14 9 4 9 Feather Finish (1355 Yardley)
	spray cologne	128 37	0 18	5 22 0 6	6	Florentine case1402 69 0 34 6 11 6  Delete Felicur (1107 SAGB)
	Dexten (70 Aspro) 250	70 210	0 34 5	2 12 . <b>26</b>	6 3 †s4B	(distributors 973 Pharmethicals) capsules1000
	Dianabol (262 CIBA) drops 20 mils	76	0	. 9	6	Fennings (1100 JS) bahy dusting powder 14 6 3 71 1 11
	Dilavase (917 Organon) tablets 50		0	. 12		cooling powders children's 5 45 0 11 3 6
	Dilosyn (179 BDH) syrup 4 oz		4ea .	. <b>50</b>		$\begin{array}{cccccccccccccccccccccccccccccccccccc$
	tablets	60	0 15	0 8 0 70	9 †s4B	100 69 6 17 4½ 1½   12 6 3 1½ 1 8   90 29 0 7 3 3 10
	Dimyril (502 Genatosan) linctus 2 oz			4 4	,	12 60 0 15 0 8 gross gross
	4 oz Dinneford's (104 BP) magnesi	50	0 12 8 4 1	8 7 1 2	-	Fibranyle (461 FL) throat spray 9 3 1 2 Fiery Jack (488 Fylde)
	Discord (876 MP) Distaval (378 DCBL)	13	6 6	9 2	3	warming wool 13 6 3 $4\frac{1}{2}$ 2 0 Flair (1355 Yardley)
	tablets forte 100 mgm 1000 Distavone (378 DCBL)			. 306	•	bath oil4866 75 0 37 6 12 6 dusting powder4809 93 0 46 6 15 6
	vet. viai	ils 46	веа .	. 69	†TSVPO	Cologne4884 69 0 34 6 11 6 4885 126 0 63 0 21 0 crystallised4870 45 0 22 6 7 6
	20 elixir 4 oz 1000 tablets 4			. 4		$\begin{array}{cccccccccccccccccccccccccccccccccccc$
	Do-Do (657 IL) tablets		7 3	2 1	8 s7	$1 \text{ oz } \dots \dots 1893  270  0  135  0  \textbf{45}  \textbf{0}$ soap $\dots \dots 14862  21  0  5  3  \textbf{2}  \textbf{9}$
	25 100	31	0 7	9 4 6 14	2 s7	spray mist 4847 87 0 43 6 14 6 Flavelix (466 FF) linctus 4 oz 28 0 7 0 4 1 1s7
	Donnazyme (1071 Robins) tablets 50	122	0 30	6 14	61†s1s4A	20 oz 100 0
	Dorothy Gray (385 DG)			0 121	·	Floidam (900 Norton) lotion 3 oz 39 0 19 6 6 6
	propelling eyeliner refill	72 27	0 36 0 13	0 <b>12</b>		5½ oz 66 0 33 0 11 0 Floidam Tan (900 Norton) 3 oz 57 0 28 6 9 6
	suppositories 10 mgm		0	18		5½ oz 105 0 52 6 17 6 Flurymal (1107 SAGB)
	tablets 5 mgm 30	) 47 ) 25	6ea .	71	1 3 3 1}	(distributors 973 Pharmethicals) pessaries 6 84 0 10 6 TS
	200 1000	130	0	. 10	5 <b>3</b>	50 52 0ea <b>78 0</b> TS  Delete Formula 21 (539 Greenwood)
	Duromorph (718 LAB) ampoules 1·1 mil	81	0		0 DD	Formula 21 (104BP) 7-day 81 7 8 6 21-day 201 7 21 0

	Fracas (Piguet (1201 Supervite))							250 mgm 12	20	4ea		30	6 TS
	bath oil ½ oz Franocide (208 BW) vet	13	0ea	6 Be	26	9		250 mgm 12 100 500	167 812	2ea 6ea		250 1218	9 TS 9 TS
	injection 400 mils Freshman (876 MP)	225	0	10 0	25	0 VSU	•	Immac (655 1CC) hair removing cream	44	2	<b>22</b> 1	7	0
	aftershave Gone Tan hairfix	21 33 15		10 6 16 6 7 6	3 5 2	6 6		granules 60 pkts	47	6ea		.71	3 TS
	refil	7 45	6	3 9 22 6	1 7	3		120 pkts 1000 gm Inecto (1028 Rapidol)	87 80	6ea 0ea	::	131 120	3 TS 0 TS
	shampoo sponge-on deodorant	17 31	0	4 3 7 9	2	6		creme hair lightener Infurno (232 Carter)	20	0	<b>1</b> 0 0	3	4
	refill talenm	$\frac{13}{21}$	6	$\begin{bmatrix} 3 & 4 \\ 10 & 6 \end{bmatrix}$	3	6		massage eream 1½ oz insulex (658 Insulex)	18	0	4 6	3	0
	Froidex (787 Macfarlan) anti-freeze . ½ gall 1 gall	$\frac{147}{282}$	0		16 30	0		ice bowl  I-So-Gel (34 A & H) 200 gm	22 56	0ea 0	2 7ea	n 35 7	6 8
	Fru-vita (690 Keldon) Furamide (143 Boots)	28	9		3	ŏ		dackson's (662 EJ) lozenges L.L.C 2 oz pastilles	8	6		1	0 †
	tablets 15 250		7ea 1	$     \begin{array}{ccc}       17 & 0 \\       19 & 1\frac{1}{2}9     \end{array} $		0		bronehial catarrh 2 oz creme de menthe 4 oz	12 12	0 0	2 10	1	9
	Fynnon (104 BP) balin salt Gala (876 MP)	$\frac{25}{23}$	10	$\frac{6}{5} \frac{5!}{10}$	3	5 0		Jane Seymour (665 JS)	50	0		6	0
Delete		15	0	7 6	2	6		wonder cream  Jeypeat (671 Jeyes) compound	$\frac{7}{12}$	0	3 6 6 0	1 2	0
Delete Delete	lip line duo mascara	33		16 6	10 5	6		trial pack of 8	24 29	0 4			0
Delete Delete	creamy	21 27	0 1	10 6 13 6	3	6		pack of 4 sack	27 24	d	::	10 36	3 0
Delete Delete	·	27 111 33	0 {	13 6 55 6 16 6	18 5	6 6		Johnsons (672 Johnson)  4 oz 16 oz	$\frac{9}{22}$	$\begin{array}{c} 0 & \cdots \\ 6 & \cdots \end{array}$	::	1 2	6
250000	super base velvet finish puff	24 7		12 0 3 9	4	0		baby suds duvel (1285 Vitamins)	17	3	.,	1 1	1
	beauty soap (3) Gamgee (1073 Robinson) tissue	44		11 03		0		elixir	56	0			0
	blue label BPC 2 oz 4 oz 8 oz	7 6 6	3 l lb 4 l lb		1 2 4	3 3 3		denture brush "Clinic" tooth brush "Park Lane"	28 22	0		2	9
	pink label NHS No. 3 2 oz	6	14lb 10 lb		8	2		Kerofil (695 TK) lozenges ex hard	23 14	4 ··· 0	3 6	2 1	0
	4 oz 8 oz	5 4	31lb 101lb		1	9	Delete	tooth-paste Kia-Ora (1082 RKO)			0 .,	_	
Delete	Genozo (502 Genatosan) tooth-pa		7‡lb	• •	6	2		squashes 26 oz Kodak (711 Kodak)	25	0		2	6
	Germolene (104 BP) Germoloids (104 BP)	35 23	5	8 104 5 10	3	6	Delete	Brownie Cresta 3 camera plastic case 925	$\frac{292}{64}$	0	$\begin{array}{ccc} 73 & 0 \\ 16 & 0 \end{array}$		7
	Germoplas1 (104 BP) Gestanin (917 Organon)	7 15	8	::	1	10 ½ 9	Delete Delete Delete	Brownie model 1 Flash II, III, 1V and B Retina 11C					- 11
	tablets 5 ingm 30	18 52	6ea 0ea		27 78	9	Delete	Kodaslide case Kolantyl (838 MN)					- 1
	blade merchandiserA.56	73	0½ea		ea125			gel 6 oz Kristina (996 PR&D) rollaway	40 18	0 9ea	10 0	5 1 ea 37	0
	razor set No. 80 adjustable No. 195 executive	52 122 18	6 3	13 1 <u>1</u> 30 7 <u>1</u> 4 9e	17 a 32	6 6		Kruschen (634 GH) salts	$\frac{12}{22}$	8 5	$\frac{3}{5} \frac{2}{7\frac{1}{4}}$		8
	shaving brush badger shaving outfits traveller	16 9		4 0e 2 4e	a 27 a 15	6		Ladye Jane (735 Laughton) curlers 20/3 hair pins 2 in 83/90	10 82	3	$\begin{array}{ccc} 2 & 6 \\ 20 & 6 \end{array}$		6
Delete		18	4ea	4 7e	a 31	6		Ledermycin (746 Lederle)	gro		gross	·	Ť
Delete Delete Delete	No. 60							drops 10 mils syrup 2 oz	10	10ea		16	0 TS
	Glo (876 MP)	$\frac{13}{38}$	6 9	6 9	2	3 9		Lenilax (1152 SK) Lion (205 Burgess)	78 12	0ea 0	3 0		0 TS
	Glycoids (1152 SK) Gon (1305 WB) tablets	9 <b>27</b>	0 0	2 3	1	3 0		olntment . 11 oz	15 33	0	3 9 8 3	4	0
	Gossamer (164 Brandt) eyelashes Goya (532 Goya)	60	0	••	7	6		Lip-Slik (876 MP) Litto (1282 VB)	10	6	5 3		9
	perfume cologne spray aerosol 30 cedar wood cologne for men	57 45	6 2 3	28 0 22 1	9 7	6		Cremard ointment Patchold lotion Sebacold lotion	20 52 23	0 0 8	5 0 13 0 5 11	7 1	
	pre-electric shave lotion soap	33 11		16 3 2 10	6	6		special for dry hair	38 13	8	$\frac{9}{6} \frac{8}{8}$	5 2	9
	Heath & Heather (588 H&H) dandelion coffee ½ lb	38	0		4 7	3		the dead for all the hale	22 38	8	11 0 19 4	6 1	
	essence $\frac{1 \text{ lb}}{247}$ slippery elm food $\frac{1}{2}$ lb	$\frac{68}{34}$ $\frac{20}{20}$	0 0 0		3 2	6 9 2		standard for olly halr	13 22 38	4 0 8	6 8 11 0 19 4	2 4 6 1	0
	1 lb 2 lb	38 68	0		4	3 6		Tintas colour restorer Lusty's (781 Lusty's)	22	0	11 0	4	0
	unmalted 1 lb wholemeal malted 1 lb Helena Rubinstein (596 HR)	38 38	0 0		4	3		royal serum capsules trial full course	$\frac{13}{37}$	3ea 6ea 0	3 2ea 8 11ea 5 8	65	0 0 6
	liquid eye finer red sable brush				9	6	1	seaweed bath  Maclean (104 BP) indigestion tablets	7	7	1 91	_	0
	Hemotabs (634 GH) 12 H.F. (AS & CO)	22		5 81	3	Ō			13 26	6	$\begin{array}{cccccccccccccccccccccccccccccccccccc$		6
	after-shave lotion bay rum brilliantine	18 18 18	0	8 6 8 6 8 6	3 3 3	6 6 6		Magnoids (1152 SK) Maja (317 CS)	12	0	3 0		9
	dandruff shampoo hair cream	18 18	0	4 3 8 6	3	3		soap guest toilet small	13 22	0	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	3 3	
	pre-shave Hide-It (876 MP)	18 10	6	8 6 2 71	3	6		harge bath Margo's (798 Margolis)	32 55	6	13 9	8 (	
	Hi-lift (1028 Rapidol) bleach Humatin (938 PD) capsules 16 100	$\frac{21}{40}$ $243$	0 l 0ea 1ca	0 6	3 60 366	6 0 TS 0 TS		baby powder 8 oz	$\begin{array}{c} 7 \\ 12 \end{array}$	2 6	$\begin{array}{ccc} 1 & 9\frac{1}{2} \\ 3 & 1\frac{1}{2} \end{array}$	1 3	
	Hydratene (276 C&C) tablets 25	30	0		300	9 †		hair lacquer spray bottle  2½ oz  talcum honeysuckle	11 16	0 8	5 6 8 4	2 (	
	1bcol (671 Jeyes) 250 8 oz	160 15	3		20 1	0 † 8	1	Wark Vardy (303 County) after shave lotion	51	0	25 6	8 (	
	16 oz		6	::	72 72	6		cream foam shave deodorant Cologne	62 55	8	15 8 27 11	8 6	
	Ibis 44 (884 NB) camera Ilosone (413 Lilly) Pulvules 125 mgm 24	21	oea		78 31	6 6 TS	,	pre-electric shave lotlon talcum puffer pack Maw's (810 Maw)	55 48	0	$\begin{array}{ccc} 27 & 11 \\ 24 & 0 \end{array}$	7 6	
	100 500	86	4ea 0ea		129 625	6 TS	•	lanoline cream tube 438.00 jar 438.01	$\begin{array}{c} 8 \\ 24 \end{array}$	7 9	$\begin{array}{ccc} 4 & 3\frac{1}{2} \\ 12 & 4\frac{1}{2} \end{array}$	1 6	

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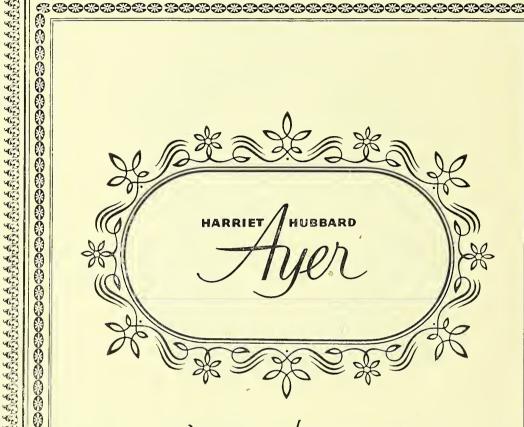
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	baby pants nylon, lace covered, "Sunday" polythene feeder 4 oz 303.13	44 37	0 ··· 8 ···			5 0	}			Nulon (1037 Reckitt) hand cream B Nycets (992 P&C) pastilles	16 20	0	7	91		8
	Max (855 Mondart) snow spray 24×8 oz Medivet (615 H&M)	92	6	22	61	5 1	ı			old Spice (1131 Shulton) after shave lotion travel pack 371PM	43	0	21	0	7	6
	tablets Mentholatum)	156	0		1	9 (	5 †s1s4	В		body talcum travel pack 393PM	35	0	17	1		2
	deep heat rub	50	0	12	6	8		L	)elete	Outdoor Girl (876 MP) cream rouge						
	tablets 7½ mgm 30 250	31	1 dea Oea		• •		184B 184B		Pelete	"Hand Magic"	15 12	0	7 6	6	2	6
	15 mgm 30 250	37	Oea				†84B		)elete	shimmer stick	$\frac{21}{6}$	0	10 3	6 0 e	1	6 0
	Metercal (826 MJ) Miners (876 MP)	71	6	6			3	I	)elete	Owbridges (925 Owbridge)	$\frac{15}{21}$	0	$\frac{7}{10}$	6		6
	hair lacquer refill	13 7 9	6	3	9	1	3			lung tonic	16 28	5 7	47	$\frac{1\frac{1}{4}}{1\frac{3}{4}}$		3
	lipstick/nall lacquer duo mascara autobrush	18 21	0	9	0	3 (	) B			Pabalate (1071 Robins)	41	ò	10	3		5
	nail lacquer	9	0	4	6	1 1	3			tablets with hydrocortisone 500	2608	0	396	0 ;	380	4 TS
	frosted remover	15 7	0 6	7 3	9	1	3			Padisha (Well) (960 ADP) eau parfumee 2 oz 080	9 16	веа	4 8	7lea		8
	stick make-up super liner	9 9	0 0 0	4 4 4	6	1	6 <b>6</b> 8			4 oz 081 8 oz 082 16 oz 083	26 46	6ea 3ea 3ea	12 22	0 lea 9 lea 6ea	152	8 6 6
	talcum	15	ŏ	7			8			perfume handbag 017	7 14	9ea 9ea	3 7	9ea 2ea	18	0
	nail varnish cream pearl	33 47	<b>0</b> 6	16 23	9	5 7 1	1			½ oz 015 1 oz 014	26 42	3ea 0ea	$\frac{12}{20}$	9lea 6ea	85	0
	monastery (856 MH)	18	0	9	0	2 1	1			handbag coffret SE	75 15	0ea 9ea	36 7	6ea 8ea		0
	(distributors 634 GH) herbs	10 24	8 <b>7</b>	2 6	8 1‡		5 3			"Secret de Venus" bath oil ½ oz 060E 1 oz 061	3 20 37	9ea 6ea	10 18	1ea 3ea		0
	Morny (862 Morny) luxury mist		•	J	-4	•				2 oz 062 4 oz 063	67 127	6ea 6ea	$\frac{32}{62}$	11ea 2ea	135	0
	Blue Carnation, Plnk Lilac, Sandalwood, French Fern,									bobines single 060 bobines 12 060	4 50	3ea 0ea	$\frac{2}{24}$	Olea		6
	June Roses, Lily of the Valley Gardenia						0			Pal (438 ER) razor set	47	8	11	11	6 1	10
	Mos-tox (814 M&B) size 1 slze 2 Mu-Cron (657 IL)	40 52	0				8			Palmolive (280 CP) shaving stick refill Panets (1305 WB) tablets 16	10 18	1 9	2	6	1 2	4
	tablets 12 Mum (1113 S&B) for men	$\frac{20}{34}$	6	5 17			0 6			Panets (1305 WB) tablets 16 Papaverine (708 Knoll) tablets 20	2	9 6ea			3	4
	Mylodex 1 (195 Brook Parker) tablets 100	3	0ea							Parabal (1320 WP) 250	22	9ea		••	30	4
	Mysteclin F (1176 Squlbb) paediatric10 mils syrup60 mils	8 12	1ea 0ea				11 TS 0 TS			tablets	$\begin{array}{c} 90 \\ 330 \end{array}$	0	$\begin{array}{c} 22 \\ 82 \end{array}$	<b>6</b>	13 48	2 †s1s4A 2 †s1s4A
	My Tan (467 Fleet) (distributors 128 Biometica)	12	oca			•	• 15			Pargonyl (1087 Roussel) capsules 250 mgm 16	40	0ea			60	0 TS
	after shave lotion Natusol (695 TK)	90	0	45			0			Parnate (1153 SKF) tablets 50 500 Parstelin (1153 SKF)	$\begin{array}{c} 14 \\ 142 \end{array}$	4ea 0ea	3 35	7ea 6ea	25	1 †84B †84B
	Neo-Medrone Veriderm (1263 Up) 5 gm	15 ohn) 7	4 Oea	3	10	2	3 TS			tablets 50	20 190	0ea 0ea	5 47	0ea 6ea	35	0 †s4B †s4B
	Neoran (982 Pierce) liquid 1 gall	40	0ea	10	0ea 7	70	0			PAS (572 HC) sodium tablets enteric coating 0.5 gm 500		10ea			19	9
	tablets 1000 Neostol (49 AF)	300	0	75	0 4		9			sugar/enteric coating 0.5 gm 500	27 15	9ea 0ea			37 20	0
	tablets 100 Neron (1274 VDL)	150	0				8 †84A 0			enteric coating 0.75 gm 500	28 19	0ea 9ea		::	37 26	4
	plastic de luxe lampstand Theratherm infra red lamp Ultra Vitalux irradiator				2	21	6 MC 8 MC			Pasinah 6 PH (1303 Wander)	37	6ea		• •	50	0
	Nervone (887 New Era) tablets	44	0	11	0	6	5			PAS sodium 1.67 gm+33.3 mgm INAH 180	9.1	10ea			52	3 TS
	NETOO AAA (997 New Eng)	$\begin{array}{c} 110 \\ 176 \end{array}$	0	$\frac{27}{44}$			0 8			Paxette (884 NB) 540	96				144	o TS
	N.E.T.C.O. 444 (887 New Era) pills	$\frac{32}{20}$	0 <b>3</b>	8	0	4	8 3			camera electromatic I/L	• •				495 357	0
	Nicotex (797 MSG) nicotine stain remover	22	0	11	0	3	6			super I/L 2L/K	::	:			457 559	6
	Nikini (1073 Robinson) sanitary garment	60	0	3	0	6 1				${2  { m L/C} \atop 2  { m L/X} \atop 2  { m L/T}}$	::	:			599 739 799	6 6
lete	pads 12 Nivea (1155 S&N) sunfilta cream	11	3		• •	1	3			2BL/C 2BL/X		:			759 899	6
lete	sunspray oil aerosol Sunea sun filter creme 344	10	6	5	3	1	•			$^{ m 2BL/T}_{ m III}$		:		1	999 370	6
	sun tan oil 346	16 70	$\frac{6}{0}$	8 35	3	2 11	9 5			reflex IB automatic Paximat S (1017 PO) projector	::	:			995 475	0
	Noir (Weil) (960 ADP) eau parfumee 2 oz 080 4 oz 081	9 16	6ea	4 8	7lea 0lea	19	8			electric slide with 85 mm f/2.8 lens	503	4ea			755	0
	8 oz 082 16 oz 083	26 46	3ea 3ea	$\frac{12}{22}$	9½ea 6ea	52	8			Paxina (884 NB) electromatic camera					495	0
	perfume handbag 017	7 14	9ea 9ea	3 7	9ea 2ea	16 30	0			Pears (509 Gibbs) transparent soap bath	12	$6\frac{1}{2}$	3	03	1	6
	1 oz 015 1 oz 014	26 42	3ea 0ea	12 20	9 lea 6ea	85	0			Penicillin-V (413 Lilly) potassium syrup 60 mils	5	0ea			7	6 TS
	handbag coffret SE "Secret de Venus" bath oil	75 15	0ea 9ea	36 7	6ea 1 8ea	32	0			Penotrane (1305 WB) pessaries 15 strong pessaries 15	84 96				10 12	8 ‡ 0 ‡
	½ oz 060B 1 oz 061	20 37	9ea 6ea	10 18	3ea	75	0			Pentral (61 APC)	480	0.	•	••	60	0 ‡
	2 oz 062 4 oz 063 bobine slngle 060	67 127	6ea	32 62 2	11ea1 2ea2	55	0			Tempules 60 Persomnia (70 Aspro)	240				30	0
	bobine slngle 060 bobines 12 060 Norvex (325 CRC)	50 50	3ea 0ea		01ea 41ea1	02	6		Delete	tablets	17 35	10 8	8	5½ 11	2 5	6 0
	sanitary towels size 0	18 19	11 .			2 2	0		Delete	Pethidine (394 Duncan)						
	2 3	22 28 34	0.		::	3	6			tablets, 25 mgm 100 500	168	3 0 .		::	21 0	9plslDD 0plslDD
	soluble 4	18				2	9			50 mgm 100 500	72 330			• •	9 41	0plslDD 3plslDD

						111.2 21.0 0 0 15 1
	Pethidine (1074 Roche)	90	0	4	01-177	8l Bon (150 Bourjois)
	tablets 25 mgm 100 500	38 168	0	21	9p1s1DD 0p1s1DD	cubes (6)9224 34 8 17 4 6 0
	50 mgm 100 500	$\begin{array}{c} 72 \\ 330 \end{array}$	0	41	OpisiDD 3pisiDD	
	Phonsic (104 BP)	$\frac{15}{31}$	$\begin{array}{ccc} 0 & 3 \\ 2 & 7 \end{array}$	9 1 91 4	11	soap töllet (3)
	Pholtex (1061 Riker) cough suppressant 2 oz					suppositories
	20 oz	64 49	0 4ea	74	0 †	tablets
	Phosferine (104 BP)	15	0 3	9 1	11	Silvikrin (303 County)         hair cream        12 9 6 4½ 2 0
	tablets	33 15	$\begin{array}{ccc} 0 & 8 \\ 0 & 3 \end{array}$	3 4 9 1	3 11	hair dressing $19   2   9   7   3   0$
	Bhullesen (104 DD)	33	0 8	3 4	3	28 8 14 4 4 6
	Phyllosum (104 BP)	55	9	6	0	28 8 14 4 4 6
	Pifco (983 Pifco)	116	3	12	6	pure 79 10 39 11 12 6 Simocitron (317 CS) 27 0 13 6 4 6
	lnfra-red lamp 1020 vlbratory massager 1056	53 47	3ea 13 7ea 11	0ea <b>84</b> 7ea <b>75</b>	0	42 0 21 0 <b>7 0</b> Simpkin's (1141 Simpkin)
Delete	Pin Quick (631 Hudnut)	28	2 14	1 4	7	glucose pastilles
Detete	Pitressin (938 PD) ampoules 0.5 Placentubex (451 F&J)	195	.0 97	6 32	6	blackcurrant and glycerin 2 oz 12 0 1 6
	Plastabook (1247 TDC) first aid dressings 2½ doz	50	0	2	8	glycerine, lemon and honey 2 oz 12 0 1 6
	Platine (350 Dana) perfume trial	45	0 22	3 7	6	medicated pastilles antiseptic blackcurrant 12 0 3 0 1 9
	120A	6	3ea 3	1ea 12 2ea 21	6	bronchial 12 0 3 0 1 9
	Ponds (256 CPL) 120V	10	6ea 5			cherry linetus 12 0 3 0 1 9
Delete	cold cream tube tube	$\frac{12}{10}$	8 6 5	4 2 3 1	8	Dilly Duckling 12 0 3 0 1 9 glycerine of thymol 12 0 3 0 1 9
Delete	flowing cold cream tube	15 23	10 7	1 2 10 3	6	glycerine of thymol 12 0 3 0 1 9 T.C.L. 12 0 3 0 1 9 Skenna (1152 SK) pastilles 9 0 2 3 1 3
Dalata	vanishing cream tube	12	8 6	4 2	Ō	8mith Kendon (1152 SK)
Delete Delete	tube	10 15	6 5 10 7	3 1 1 2	8	bismuth co., BPC . 16 6 4 1 2 3
	Pretty Quick (1240 Tokalon) (distributors 327 WC)					Brompton 12 0 3 0 1 9 bronchiai 12 0 3 0 1 9 cinnamon 12 0 3 1 9
	eye shadow mascara and pencil sets	6 13	6 3 6	3 1 6 2	0	cinnamon 12 0 3 0 1 9 formalin 12 0 3 0 1 9
	Pride (487 Furman)					formalin menthol and
	hair lacquer spray  Primoids (1152 SK)	21 9	6 10 0 2	9 3 1	9	cinnamon 12 0 3 0 1 9 glucose 10 6 1 3
	Pro (721 LC) toothbrushes	20	0	2	6	iodised throat 12 0 3 0 1 9 linseed, liquorice and
	child	12	0	1	6	chlorodyne 12 0 3 0 1 9 sulphur 12 0 3 0 1 9
	Quantril (1248 Trevena) capsules 25	62	0	7	9	8 moothie (876 MP) 15 0 7 6 2 6 8 mooth Touch (385 DG)
Delete	Racian-A (1023 Radiol)					hand iotion 57 0 28 6 9 6
Delete	3 oz 2 oz	37	0 9	3 4	11	<b>Softies</b> (1389 Velvet) 3-ply hankies 16 47 0 8
	Radiol (1023 Radioi) liniment horses and dogs	•				Souchets (695 TK)
	½ gall	35	0ea 8	9ea 55	8	liquorice and menthol pellets 8 4 2 1 1 3  \$pa (1167 Spa) sets ladies
	leg wash powders 6	65 26	0ea 16 0 6	3ea 103	<b>0</b> 6 p1	Rosalind 65 6 16 4 9 6 Sparklets (183 BOC)
	Rastinon (621 Horlicks) tablets 100	21	0ea		†84B	syphons De Luxe 867 0 105 8 105 0
	500 Redcio (1215 Teasdale) lozenges	99	0ea	••	†s4B	Globemaster 927 0 113 0 112 6 Hostmaster . 618 0 75 4 75 0
	linseed, licorice & chlorodyne	1	8	58	3	<b>Sparkling Spa</b> (450 Farthing) formula 3 21 0 5 3 3 6
	Respiran (690 Keldon)  4 ib	2	8ib	9½1b <b>5</b>	0	<b>Spontex</b> (1174 Sponcel) car sponge ex/large C/2 40 7 10 12 5 11
	inhaler refill	14 11	0ea 10ea	21	9	Sporostacin (922 Ortho)
	Rheusalate (1341 WFL)	20	0 8	0 4	6	cream with applicator 180 0 40 0 25 10 tube only 160 0 40 0 23 4
	paste 40 gm Rinurel (1310 WW)	32				Sporti tV (645 Ilford) camera 342 0 86 0 49 8 case 120 0 30 0 17 5
	tablets 30 250	$\frac{72}{35}$	0 18 0ea 8	0 10 9ea 61	6 3	gift pack 46 8ea 11 0ea 81 0 8pree (955 Pepsodent)
	Roberts Windsor (1070 Windsor) Hi-White family pack 5050	154	0	1	3	fruit squash sachet 29 3 3
	Robinson's (285 Colman)	gro				Steiner (1188 Stelner)
Delete	Sicilian lemon julce 12½ oz					hand milk tube 21 0 10 6 3 8 8 10 11 153 SKF)
	high protein cereal	19	3	2	0	tablets
	Robitussin (1071 Robins) 80 oz	1080	0 270	0 157	6 †s4B	Steradent (1037 Reckitt) 28 0 6 10 3 9 Sterispon (34 A&H) gelatin sponge
	Rolleiflex (637 Hunter) camera	1695	8ea 413	7ea <b>2957</b>	1	No. 2 20×10×0·1 cm 1 100 0 12 8 No. 4 10×10×0·5 cm 6 46 4ea 69 9
		1580 80	2ea 385 8ea 19	2ea 2755 8ea 140	6	Stratton (735 Laughton)
	camera with 3.5F Planar lens	1463	2ea 356	8ea 2551	8	Empress Lipview 277/EMB 21 0 Streptets (1352 Wyeth) 20 43 0 4 10
	ever ready case	1344 77	0ea 327 4ea 18	7ea 2343 10ea 134		Streptotriad (971 P&MB) granules for 1½ oz
	T camera with Tessar f/3.5 iens and meter	1124	8ea 274	2ea 1961	2	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
	without meter ever ready case	959 75	4ea 233 8ea 18	10ea 1673 5ea 131	11	500 1020 0 <b>127 8</b> pls4B
Delete	camera with 2.8E2 Planar lens		20			Styptol (708 Knoll) tablets 20 36 0 9 0 4 9 s1
Delete	Rolleiflex-Tele (637 Hunter)		000 10	100 000		200 25 6ea 6 4½ea40 4½ sl
	meter camera case	165 95	6ea 40 0ea 23	4ea 288 2ea 165	8	electric blankets Little Gem 44 2ea 10 9ea 72 9
Delete	Sandosten (1098 Sandoz) all pro- 8choll's (Dr.) (1108 SMC)	ducts				Double Gem 58 8ea 14 4ea 96 8 type SS 53 5ea 13 0ea 88 0
	anti-pressure pad bath cubes pine (6)	12 15	$\begin{array}{ccc} 0 & \cdots \\ 0 & & 7 \end{array}$	1 6 2	6	DS 70 8ea 17 3ea116 6
	heel grip (palr)	6	8		10}	VR1 64 10ea 15 10ea 106 10
	Secret Magic (876 MP) refill	15	0 7	6 <b>2</b> ·	6	VR2 87 8ea 21 5ea144 5 VR3 90 1ea 22 0ea148 6
	Selvigon (1153 SKF) syrup 3 oz	60	0 15	0 8	9	HS/3 83 4ea 20 4ea137 4 HD/3 105 2ea 25 8ea173 2
	tablets 30 8heer Bliss (876 MP)	$\begin{array}{c} 72 \\ 12 \end{array}$	0 18 0 6	0 10 0 2	6	Suntax (324 Crookes) vet 100 mils 264 0 33 0
	Shurzine (1133 Shurzine)				0	Sure Shield (549 Guest) lozenges iodised throat 8 4 2 1 1 3
	ointment	14	0 3	6 2	,	togoliges toutseed tittoat 0 4 6 1 1 3

Del

Dal

0 1	ember 15, 1500								
	pastilles glycerin & t 8wandown (1218 HT)	hymol	15 11	0 6	3 2	9 10½	1	9	
	trio pack Sylvia (339 CG)		12	4	6	2	2	1	
	sanitary towels, size		20 10	0 ···		::	1	2	ł
	size s	2	21 25 31	6 3		::	2 2 3	9 5	
	Syrup B.12, Vitavel brai	nd 6 oz	45	0		••	5	7	ţ.
	Tabloid (208 BW)	100	54	0			6	9	†91s4 <i>2</i>
		500 1000	226 432	0			28 54	3 0 0	18184
	pethidine HC1 25 mg	5000 in 100 500	$\frac{2120}{38}$ $\frac{168}{}$	0 0		• •	265 4 21	9	†81842 †81DI †81DI
	50 mg		72 330	<b>0</b>		::	9 41	3	†s1D1
lete	Tabu (350 Dana)	500	45	0	22	9	7	6	
	pertume	trial 104A 104V	6	0 3ea 6ea	3 5	3 1ea 2ea	12	6	
	T (200 3537) 4-1-1-4-	500	6 164	0ea 0	ī	6ea		6	†s4B
	Talika (1169 GS&S)	100	504	0		• •	63	0	†s4B
	•		48 96	0	24 48	0	7 15	11	
	Tan (388 Cussons) Tanderil (501 Geigy)	5481	49	9	24	3	8	6	4.1.4
	tablets 100 mgm	$\begin{array}{r} & 50 \\ 250 \\ 1000 \end{array}$	$\frac{14}{65}$ $\frac{256}{}$	0ea 8ea 9ea	3 16 <b>6</b> 4	5ea	1114 1449	11 4	†s1s42 †s1s42
	Taractan (1074 Roche) ampoules 30 mgm	6	74	0	18	6	10	9	
	tablets 15 mgm	50	43 90	4ea 0	$\frac{10}{22}$	10ea	13	10	
	Tetrazets (837 MSD)	12	30 36	0ea 0	. '	6ea	1 52 4	6	†s7
	Thermos (1226 Thermos vacuum jars	607 608				• •	28 96	3	
		620 81				::	47 103	6	
	jugs	65				::	136 14	9	
		34 54 54Q					41 43 46	8 2	
		45 45Q				::	49 57	8	
		29 29Q	• •			::	85 102	11	
	Thoracin (769 LH) oint	ment 1 oz	30	0	7	6	102	8	
	Thram (506 Gerhardt) t Tofranil (501 Geigy)		76	0			9	6	
	tablets 10 mgm	250	110 430	0			13 53	9	†84B
	25 mgm	$\begin{array}{c} 1000 \\ \\ 50 \\ 200 \end{array}$	1580 185 710	0			197 23 88	1	†s4B †s4B †s4B
	Transid (394 DF)	1000	3300	ŏ			412	6	†84B
	Trees (EDE Caldon)	100	120 10	0	5		15	8	
	Trio (285 Colman) fruit squash		15 31	0		6	2	6	
	Triotussic (1303 Wandersyrup	4 oz	60	0	15	0	8		†87
	tablets	50 50	256 64	0	64 16	0	37	4	†87 †87
	Tripectol (1341 WFL) linetus	250 4 oz	272 34	0	68	0	39	3	†87
		20 oz 80 oz	156 480	0					
lote		00 mils	450	0			50	0	
	Tycoon (705 Kirby) after shave lotion	50 mils	32	0	16	0	6	0	
	deodorant		$\frac{32}{32}$	0	16 16	0	8	0	
	medicated shampoo pre-electric shave loti talcum powder	on	32 32 32	0 0 0	16 16	0 0	6 6 8	0	
	presentation packs of any tv	vo	68	0	16 34	0	12	6	
	Urelim (1305 WB) tablets 0.5 gm	100	26	0ea	6	6ea	45	8	
	Uvistat (1305 WB) cream	500 50 gm	116 60	8ea 0	29 15	2es	a 204 8	2	
	Valderma (343 DH) talcum powder	oo giii	16	5	8	21	2	6	
	Vanquin (958 PD) suspension	1 oz	56	0	14	0	8	2	
	Vapex (695 TK)	16 oz	720	0	180	0	105	0	
	medicated rub pastilles	••	14 12 14	0 0 0	3 3 3	6 0 6	2 1 2	9	
lete lete	lozenges Vodex (695TK) lozenge	s			J		_	Ĭ	

	Vaseline (256 CPL)	28	10	7	21	3	11
	v-Gil-K Sulpha (413 Lilly)	20	10	'	49	3	**
	paediatric suspension 60 mils Vecortenol (262 CIBA)	5	10ea			8	9†s4BTS
	(vet) 100 mgm 4 mils	11	4ca			17	OTSVPO
	250 mgm 10 mils	25	10ea			38	9 TSVPO
	Veno's (104 BP) cough mixture	31	2	7	4 }	4	0
	Viacutan (1305 WB) tulle 10	42	0	10	6	6	11
Delete	30 50	72	0	18	0	10	6
Detete	Villescon (154 B) liquid 4 oz	58	0	14	6	8	5 <u>}</u>
	Virugon (97 Bayer)	10	0	3	0	21	0 †
	tablets 48 500	$\frac{12}{117}$	0ea 6ea	$\frac{3}{29}$	0ea 5ea:		0 † 8 †
	Visa (Pignet (1201 Supervite))		0 -	e.	0		
	bath oil ½ oz Voltage (385 DG)	13	Oea	6	веа	26	9
	bath essence	111	0	55	6	18	6
	dusting powder	$\frac{126}{150}$	0	63	0	21 25	0
	dusting powder perfume	315	0	$\frac{75}{157}$	6	52	6
	Warfarin (1305 WB)	0.00	0			45	
	sodium tablets 20 mgm 50	360	0			45	0
	wet and Set (220 CALG) hair curling tissues	17	6	8	9	2	11
	Whisper (1326 Whisper)						
	setting mist sachet	6 33	0	3 16	0	1 5	3 6
	wyamin (1352 Wyeth)	99	0	10	б	3	· ·
	capsules 25	38	0			4	3
	Xylotox (970 PM) ointment 15 gm	40	0			5	0
	ointment 15 gm Yardley (1355 Yardley)	40	0	,		3	U
	hand cream airflow1450	47	0	23	6	7	10
	Yaxa (261 Christy)	10		0	0	•	•
	perfumed deodorant stick perfumed roll-on	$\frac{19}{27}$	6	9 13	9	3	3 6
	refill	21	0	10	в	3	6
	Yeast-Vite (104 BP)	15 33	0	<b>3</b>	9	1	11 3
	Young Set (876 MP)		_				
	medicated cream	24	0	6	0	3	6
	Zap (1070 Windsor) pumice soap 3000	56	10				
	•	gre	088				
	Zenoids (1152 SK) Zibeline (Weil) (960 ADP)	12	()	3	0	1	9
	eau parfumée 2 oz 080	9	6ea	4	7½e;	a19	6
	4 oz 081	16	6ea	8	0 <del>}</del> ea	133	8
	8 oz 082 16 oz 083	26 46	3ea 3ea	12 22	9½e: 6ea		6
	perfume handbag 017	7	9ea	3	9ea		0
	1 oz 016 2 oz 015	$\frac{14}{26}$	9ea 3ea	12	2ea 9½ea		0
	1 oz 014	42	0ea	20	6ea	85	Ō
	handbag coffret 2 oz 013	75 15	0ea 9ea	36 7	6ea 8ea		0
	diffusette loz 016D	17	6ea	8	6ea	35	0
	refill 2 oz 015D	29 26	0ea 0ea	$\frac{14}{12}$	2ea 8ea		0 8
	4 oz 012	135	0ea	65	10ea	270	0
	de luxe bottle in coffret 1 oz "Secret de Venus" bath oil	90	0ea	43	10ea	180	0
	½ oz 060B	20	9ea	10	1ea	42	0
	1 oz 061 2 oz 062	37 67	6ea	18 32	3ea 11ea	75	0
	4 oz 063	127	веа	62	2ea:	255	Ö
	bobine single 060 bobines 12 060	4 50	3ea 0ea	$\frac{2}{24}$	01ea	102	8
	Zief (887 New Era)	<i>9</i> 0	oca	24	4269		•
	tablets	68	8	17	2	10	0
		171	4	42	10	25	0

#### AMENDMENTS TO KEY TO SUPPLIERS:

AMENDMENTS TO KEY TO SUPPLIERS:

(164 Brandt) = R. BRANDT & CO. (MANUFACTURING), LTD., 25 Sheldon Road, London, N.W.2. Gladstone 9757.

(183 BOC) = BRITISH OXYGEN CO., LTD., Sparklets Works, Queen Street, London, N.17. Tottenham 0881.

(220 CALG) = C.A.L.G. ENTERPRISES, LTD., 34 Upper Brook Street, London, W.1. Hyde Park 0148.

(257 Chilton) = CHILTON ELECTRIC PRODUCTS, LTD., Hungerford. Berks. Hungerford 297.

(315 Crater) = CRATER PRODUCTS, LTD., Lower Guildford Road, Knaphill, Woking, Surrey. Brookwood 2571.

(325 CRC) = C. R. CROSSKILL & SONS, LTD., Calvert Works, Norwich. Norwich 27101.

(355 DG) = DOROTHY GRAY, LTD., 565 Kingston Road, London, S.W.20. Liberty 3471

(461 FL) = FIBRENYLE, LTD., 157 Dukes Road, London, W.3. Acorn

(461 FL) = FIBRENYLE, LTD., 157 Dukes Road, London, W.3. Acorn 5073.

50/3.

(487 Fleet) = FLEET LABORATORIES, LTD., 675 Mount Pleasant Road, Toronto 7, Ontario, Canada.

Delete (605 Hill's) = HILL'S BALSAM, LTD.,

(605 Hill's) = HILL'S PHARMACEUTICALS, LTD., Spring Bank Works, Nelson, Lancs. Nelson 65321.

Nelson, Lancs. Nelson 65321.

(658 Insulex) = INSULEX, LTD., 67 Westbourne Grove, London, W.2. Park 3424.

(826 MJ) = MEAD JOHNSON, LTD., 10 Upper Grosvenor Street, London, W.1. Grosvenor 6944.

(861 MPC) = MORGANS POMADE CO., LTD., 122 Maidstone Road, Sidcup, Kent. Foots Cray 7878.

996 PR&D) = PLASTIC RESEARCH AND DEVELOPMENT, LTD., 8 Park Road, London, N.W.1. Paddington 2172.

(1115 SI)=SCHICK INCORPORATED (UK), LTD., 86a Brook Street, London, W.1. Grosvenor 5559.
 (1158 Sodastream)=SODASTREAM, LTD., 22 Oval Road, London, N.W.1. Gulliver 4421.
 (1247 TDC) = TRICO DEVELOPMENTS CO., LTD., Great West Road, Brentford, Middlesex. Isleworth 3464.

(1248 Trevena) = TREVENA, LTD., 20 Grosvenor Place, London, S.W.1. Sloane 0676.

(1274 VDL)=V-DEVELOPMENT, LTD., 22 Clifton Road, London, W.9. Cunningham 0701.
(1326 Whisper)=WHISPER COSMETICS, 175 Bow Road, London, E.3. Advance 5546.

#### THIS WEEK'S CHANGES

NEW and altered entries notified for the first time. A = Advanced. R = Reduced.

Entries new this week are marked thus: -

4 Amami (303 County)							
wave set bottle		10	8	- 5	4	1	8
wave set bottle		19		0	7	1 3 3	8 0 0
Binasin (333 Cupal)	6 oz	$\frac{1}{22}$		- 6	ó	3	ň
			9	9	U		v
Delete Ciloprine (768 Cila	ig) əmil	IS					
Cupal (333 Cupal)							
A gripe mixture	6 oz	12	0	2	8	1	10
Deep (102 CB)							
<ul> <li>soap treatment</li> </ul>		20	0	- 5	0	3	0
Distivit 20 (378 DCBI	EA .		-	_			
elixir	40 oz	24	0ea			36	0
	40 02	2.7	oca		• •	30	•
● Fair-way (438 ER)			0	90	6	•	6
after shave lotion		57	0	28	0	9	0
Feravol (228 Carlton)							_
syrup	4 oz	$^{34}$	$0 \dots$			4	6
	8 oz	60	$0 \dots$			7	6
	80 oz	42	6ea				
Fovane (583 HP)							
tablets 50 mgm	30	19	2ea			28	9
tablets 50 mgm	100	60				90	ŏ
						435	ŏ
	500	290	0ea		• •	435	U
A Granose (535 Granose						_	
cashew cream	6 oz	$^{28}$				2	9
	12 oz	52	6			5	0

fruit bran	8 oz	12	3			1	2
meatless steak	8 oz	20	2			i	11
	16 oz	32	$\begin{array}{ccc} 2 & \cdots \\ 5 & \cdots \end{array}$		• •	3	1
■ Librium (1074 Roche		02				•	
capsules 5 mgm	25	54	0	13	6	7	103
• • • • • • • • • • • • • • • • • • • •	100	192	ŏ	48		28	0
	500	65	0ea	16	3ea1		9
A Macleans (303 Count		00	000	10	0041		٠
tooth-paste		28	4	7	1	3	9
*		22	õ	7 5	6	2	11
		15	ĭ	3	9	2	Ö
Nasofen (147 Boots)			-			_	•
nasal drops	1 OZ	24	0			3	0
A Nutmeat (535 Granos		22	9			2	2
	16 oz	32	5			3	1
brawn	10 oz	22	9			2	2
A Nuttolene (535 Grand	ose) 10 oz	22	9			2	2
	16 oz	32	5			2	1
Peplax (333 Cupal)							
tablets	25	18	0	4	1	2	6
A Rissol-nut (535 Gran	ose) 16 oz	32	5			3	1
A Sausalatas (535 Gran		24	6			2	4
	15 oz	34	2			3	3
A Sausalene (535 Grand	ose) 10 oz	22	9			2	2
· ·	16 oz	32	5			3 2	1
A Saviand (535 Granose	e) 10 oz	22	9			2	2
·	16 oz	32	5			3	1°
R Secrosteron (179 BD)	H)						
tablets	30	222	0		2	27	9
	100	624	0		7	78	0
	500	221	0ea		33	31	6
<ul> <li>Soothe (1262 UL)</li> </ul>							
cream		31	6			3	6
● Tee-up (438 ER)							
pre-shave lotion		57	0	28	6	9	6
A Yex (535 Granose)	3 oz	15	9			1	6
	8 oz	34	$\begin{array}{cccccccccccccccccccccccccccccccccccc$			3	3
	16 oz	60	$5 \dots$			5	9

#### AMENDMENTS TO KEY TO SUPPLIERS:

(97 Bayer) = BAYER PRODUCTS (DIVISION OF WINTHROP GROUP) LTD., Winthrop House, Surbiton, Surrey. (1063 Rimmel) = RIMMEL, LTD., 62 Baker Street, London, W.1. Hunter

# MISCELLANEOUS INQUIRIES

#### Dangerous Drugs on Yachts

Would you please let me know if it is possible to supply Dangerous Drugs to the master of a private yacht taking a party on a please cruise?

THE Merchant Shipping Medical Scales Order, 1953 (S.I. 1953, No. 998) does not apply to pleasure yachts, and therefore a supply of dangerous drugs cannot be made against the signature of the master of the vessel. If the master considers it necessary to take on the voyage a supply of dangerous drugs, then he should write to the Under Secretary of State, Drugs Branch, Home Office, Whitehall, London, S.W.1, who would consider granting a special concession in light of information provided.

#### Solution for an Alkaline Battery

Have you any information to give about an alkaline battery in which sodium hydroxide solution is the chemical used?

WE have not been able to trace an alkaline battery in which sodium hydroxide solution is used. The electrolyte normally adopted in the nickel-iron type battery is caustic potash of specific gravity 1.200 (254·04 gm. per litre).

#### A Headache Powder

I have been making a headache powder but find that it cakes and smells strongly of free acid. The formula is aspirin, gr. 6; phenacetin, gr. 8; caffeine, gr.  $\frac{1}{3}$ ; codeine phosph., gr.  $\frac{1}{6}$ ; phenolphthalein, gr.  $\frac{1}{6}$ ; mag. trisilicate, ad gr. 16. Could you suggest an answer to the problem or a better formula?

THERE is no obvious incompatibility in this formula. After standing about a week in screw-capped glass jars, the product has a slight odour of acetic acid and, as you say, there is slight caking. Since the magnesium trisilicate appears to be present only as a diluent, we have had samples made with that ingredient replaced by light kaolin, calcium carbonate or heavy magnesium carbonate. Each seems satisfactory, and so far there has been no smell of acetic acid or sign of caking. If the powders are wrapped in paper it would be best to use waxed paper or parchment, since aspirin decomposes on exposure to moist air. Kaolin gave the finest powder.

#### What Wetting Agent to Use?

We are interested in the preparation of the dispersible powders of the phenothiazine and hexochloroethane of the British Veterinary Codex. These are directed to be prepared by the addition of a suitable wetting agent. Could you give us any idea of the agent and quantities intended for this purpose?

VARIETY of wetting and suspending agents are used for these preparations, but no single substances are officially recommended. We would suggest that if you are considering the preparation of a 50 per cent. suspension of phenothiazine, you should include about 1 per cent, of methyl cellulose and 0.5 per cent, of sodium lauryl sulphate. An alternative to the latter would be sodium dioctyl sulphosuccinate. Similarly, if a 50 per cent, suspension of hexachloroethane is proposed, the same wetting agent could be employed with about 5 per cent, bentonite for suspending the drug. Those percentages, which apply to the amounts in the finished products, may be varied to suit particular requirements.

#### Labelling a Vitamin Product

Do I have to include on the label of a product containing vitamin C the amount present?

If the product is a medicine it is necessary to state the vitamin C content on the label. If it is a food, then provided no

mention is made on the label or on any advertising matter that the product contains vitamins, it is not necessary to state the quantity of the vitamin present. however, claims are made that the food contains vitamins, then the label must declare the content as set out in the second schedule of the Labelling of Food Order, 1953. The vitamin C, if declared, must be given as mgm, of ascorbic acid. The wording on the label should read "One ounce contains ..... mgm, of ascorbic acid.' a liquid preparation the wording should read "fluid ounce" instead of "ounce."

#### A Theatrical Sun-tan

How does one make an amateur actor appear sun-tanned on the stage?

SUN-TAN leg lotion for theatrical purposes may be made by incorporating a suitable water-soluble dve (cosmetic grade) to "wet white." The following are basic formulas for wet white:

Bismuth subcarbonate in fine powder Tale, in fine powder 100 gm 200 gm. Rose water to 1,000 c.e.

Triturate the dry ingredients together, then gradually add sufficient rose water to make the product measure 1,000 e.c. Levigated zinc oxide 54 gm.

Bismuth subchloride 54 gm. Glycerin 67 c.c. Perfumed to suit Distilled water to 1,000 c.c.

Triturate the zine oxide and bismuth subchloride

together until intimately mixed, then incorporate them with the glycerin and water. The following liquid stocking formula would probably also be suitable:

Zinc oxide Chalk (precipitated) 6.0 per cent. 16.0 0.5 Methyl cellulose Glycerin 16.0 Water 61.5 Colouring matter a.s.

q.s.

Preservative

Perfume

## TRADE REPORT

The prices given are those obtained by importers or manufacturers for bulk quantities or original packages. Various charges have to be added whereby values are in many instances augmented before wholesale dealers receive the goods into stock. Crude drugs and essential oils vary greatly in quality and higher prices are charged for selected qualities.

LONDON, NOVEMBER 16: The market for Crude Drugs remained dull and inactive during the week and price changes were few in consequence.

The higher prices for American BOTANICALS noted last week were maintained. PERU BALSAM was threepence lower per lb. at 8s. 9d., in bond. The shipment rate for Zanzibar CLOVES was slightly dearer. Elsewhere among SPICES, PEPPER fell, and African GIN-GER was easier by 7s. 6d. per cwt. for shipment. Mombasa CHILLIES were cleared on the spot but Nigerian and Zanzibar are still available. ERGOT was quoted at 9s. per lb. on the spot, but on the Continent the value is believed to be around 11s. Chinese MENTHOL was down by one shilling per lb. in the forward position.

In ESSENTIAL OILS English distilled JUNIPER was lower at 150s, per lb. LEMONGRASS was firmer by sixpence per lb. in both positions, and Brazilian PEPPERMINT dearer by threepence at origin. Bourbon VETIVERT was also

inclined to be firmer. There were no price changes advised by manufacturers of PHARMACEUTICAL

and FINE CHEMICALS.

#### Pharmaceutical Chemicals

ALOIN - Micro-crystalline, 14-lb. lots, 31s, 6d per lb.

AMIDOPYRIN. AMIDOPYRIN. — Minimum rate, 20s, 1d. rer lb. with usual differentials for smalls.

AMPHETAMINE. — One to 10-kilo lots: BASE, from 140s. to 160s.; SULPHATE, 110s. to 130s. and d-AMPHETAMINE SULPHATE, to 130s, and 405s, to 420s.

Amylobarbitone. — B.P.C. is 82s. 6d. per kilo for less than 25-kilo lots and sodium, B.P.C., 92s. 6d. per kilo.

Antimony salts.—Chloride sol., B.P.C., 1934, carboys, 2s.  $6\frac{1}{2}$ d. lb.; oxide, B.P.C., 3s. lb. One-cwt. lots. Potassium tarrate, 7s. 6d. per lb.; sodium tarrate,

ATROPINE.—Rates for 16-oz. (500 gm.):

ALKALOID	s. d. 39 0	s. d. 1375 0
METHYLBROMIDE	39 0 38 6 34 0	1375 0 1357 0 1198 6

BARBITONE. — Less than 25-kilo lots, 3s. 6d. per kilo. SODIUM derivative, 56s. 9d. per kilo.

BENTONITE.—B.P. about £770 per ton.

BENZYL BENZOATE. - B.P. in 1-ton lots, . 6d. per lb.

Bromides.—Crystals (per lb.):—

		1 (	cwt.	5 cwt.
OTASSIUM ODIUM MMONIUM	 ::	s. 2 2 2	d. 6 6 10	s. d. 2 5 2 5 2 5 2 8½

Powder is three-halfpence per lb. more, ackages free, carriage paid terms.

BUTOBARBITONE. — B.P.C., 87s. 6d. per ilo in less than 25-kilo lots.

CAFFEINE,—ANHYDROUS, less than 50-kilo ots, 35s. per kilo; monohydrate, b.p., 4s.; citrate, 26s. kilo.

CALCIUM CARBONATE.—B.P. light precipiated powder, 1-ton lots, £33 per ton in ree bags, ex works.

CALCIUM CHLORIDE. — B.P.C. fuse ranulated,  $10\frac{1}{2}$ d. per lb. in 1-cwt. lots.

CALCIUM GLUCONATE. — Three-cwt. and pwards, 3s. 6d. per lb.; 1–2 cwt.. 3s. 7d.

CALCIUM SUCCINATE.—10s, 6d, to 12s, per lb., as to quantity. Succinic acid is from 10s, 6d, to 12s, 3d, per lb.

CARMINE.—70s. per lb. for 1-cwt. lots.

CHALK.—Prepared powder B.P., £22 per ton for minimum 1-ton ex works.

Chloroform.—l-cwt. lots in winchesters, 3s. 4½d. per lb.; 56-lb., 3s. 6d. 1n drums, 3s. 2d. and 3s. 2½d. per lb. respectively.

CHLOROXYLENOL.—B.P., 5s. 8d. per lb. for 1-cwt. lots; 5s. 3d. per lb. for 1-ton. CITRATES.—Per lb.:

	1 cwt.	5 cwt.
SODIUM† POTASSIUM† IRON AND AMMONIUM*	 s. d. 2 8½ 2 11½ 3 7½	s. d. 2 7½ 2 10 3 6

Powder 3d. per lb. more. \*Scales 10d. per lb.

CITRIC ACID. — Domestic powder (in kegs) per cwt. 1–4-cwt. lots, 225s. per cwt. 5-cwt., 221s. In paper bags, 5-cwt. lots are 213s. Crystals are 5s. per cwt. less than the above.

Cocaine. — 16-oz. lots, hydrochloride, 91s. 6d. per oz.; ALKALOID, 101s. per oz. Subject to D.D.A. Regulations.

CREOSOTE.—B.P. quality, ex beechwood, from 6s. 9d. to 7s. 6d. per lb.

Cresol.—B.P. quality, 7s. 9d. per gall. in 5-gall. lots.

CYCLOBARBITONE. — Less than 25 kilos; B.P.C., 73s. per kilo. Calcium, 85s. per kilo

DICOPHANE (DDT). — One-cwt. lots 3s. 2d. per ib.; 5-cwt., 3s. 0½d.; 1-ton, 2s. 11d.

DIHYDROXY-ACETONE.—Per kilo £9 for minimum 1-kilo lots.

DIPHENAN,—(Per lb.), 55s. 3d. (56-lb.), to 63s. (1-lb.).

EMETINE. -- O'ne-kilo lots, HYDROCHLOR-IDE, 8,642s. per kilo.

EPHEDRINE, — ALKALOID nominally 6s. 6d. per oz., SULPHATE, 4s. and HYDRO-CHLORIDE, 3s. 3d. per oz.

ETHER.—Per lb. in winchesters: TECH-NICAL B.S.S., and SOLVENT, 5-cwt., 2s. 7d.; (4s. 1d. per litre). In drums the price is 2s. 2d per lb. ANÆSTHETIC, B.P., 5-cwt., 3s. 10d.; 10-cwt., 3s. 9d.

FORMALDEHYDE.—B.P. solution, 5 drum lots, 755s. per ton in free drums, delivered.

Gallic acid.—B.P., 10s. 7d. per lb. for 1-cwt. lots. Technical grade, 9s. 9d. GLYCERIN. — Pharmaceutically pure (s.g.

1.2627):-	_									
Annual			1 cv	vt.	5-cv	vt.	1 to	n	5 to	ns
purchases			an	d	an	d	an	d	an	d
or spot	1 cw	Æ.	und	er	und	er	und	er	und	er
lots of			5-cwt.		1 ton		5 tons		25 tons	
Per cwt.	5.	d.	5.	d.	5.	d.	5.	d.	s.	d.
DRUMS										
14-Ib.	281	0	276	0	272	6	268	0	265	6
28-lb.	279	0	274	6	270	6	266	0	263	6
56-lb.	275	0	270	6	266	6	262	0	259	6
- TINS										
1-cwt.	_		254	6	250	6	246	0	244	6
2½-cwt.	_		251	6	248	0	243	6	242	0
5-cwt.	-		_		247	6	243	0	241	6
10-cwt.	-		_		246	6	242	6	241	0

For 25 tons and upwards the price is from 265s. 6d. to 240s. as to containers. Bulk deliveries in tank wagons from 326s. to 237s. 6d. Technical grade glycerin s.g. 1·2627 is 5s. per cwt. less than above.

GLYCYRRHETINIC ACID.—Per gm., 2s. 3d. HEXAMINE.—B.P., 1s. 11½d. per lb. for 1-ton lots, delivered in 1-cwt. kegs. Technical is threepence per lb. less.

HEXOBARBITONE. — 25-kilo lots or over, 115s. per kilo.

HOMATROPINE. — 16-oz. lots (per oz.): ALKALOID, 30s. 6d.; HYDROBROMIDE, 24s. 6d.; HYDROCHLORIDE, 28s. 6d.; METHYLBROMIDE, 25s. 6d. 1-oz. rates are 1s. 6d. per oz. above those rates.

HYDROQUINONE. — One-cwt. lots, 11s.; 1-ton, 9s. per lb.

lodides. — (Per kilo), Potassium, 50-kilo lots 19s. 3d.; sodium, 24s. 3d. for 25-kilo lots. Ammonium, 45s.

IODINE.—Resublimed in less than 50-kilo lots, 25s. 4d. per kilo. Minimum delivered rate for CRUDE is 17s. 4d. per kilo.

lodoform.—Powder (per kilo), 51s. 6d. in 50-kilo lots; less than 50-kilos, 53s. Crystals are 3s. per lb. more than the

KAOLIN.-LIGHT, 60s. per cwt.; 1-ton,

LACTATES. — CALCIUM, B.P., 2s. 3d. per lb. in 5-cwt. lots and 2s. 4d. in 1-cwt. lots; CALCIUM SODIUM, 4s. 9d. and 4s. 10d. per lb.

LEAD ACETATE.—B.P. crystals, 225s. per

METHADONE.—Subject to D.D.A. 16s. 3d. per 5 gm. pack.

METHYL SALICYLATE.—Five-ton lots, per lb.; 1-ton, 3s.  $0\frac{1}{2}d$ .; 10-cwt., 3s. 1d.; 5-cwt., 3s. 2d.; 1-cwt., 3s. 3d.

OPIATES.—Home trade prices (per oz.) subject to D.D.A. Regulations:—

		35 oz ov		Under 35 oz.		
CODEINE		8.	d.	5.	d.	
PHOSPHATE		41	0	42	0	
HYDROCHLORIDE		47	3	48	3	
	• • •				3	
SULPHATE	• • •	47	3	48	3	
ALKALOID		54	0	55	0	
MORPHINE						
ACETATE		50	0	51	0	
HYDROCHLORIDE		50	0	51	0	
SULPHATE	1	50	0	51	0	
TARTRATE		60	0	61	0	
ALKALOID		61	3	62	3	
ETHYLMORPHINE		0.1		02	_	
HYDROCHLORIDE		54	0	55	0	
ALKALOID	111	63	3	64	3	
DIAMORPHINE		05	-			
ALKALOID		54	9	55	9	
		59	9	60	0	
HYDROCHLORIDE		39	9	00	U	

PENTOBARBITONE. — Under 25-kilo lots, 125s. per kilo; SODIUM, 130s.

PETHIDINE HYDROCHLORIDE. — Subject to D.D.A. Regulations, 229s. 2d. per 250 gm.

PHENOBARBITONE. — Spot rate 50-kilo lots, 47s. 6d. per kilo; 5-kilos, 50s. 6d.: 500-gm., 54s. 6d. Sodium Salt unchanged at 55s. 6d. per kilo for 5-kilo lots.

PHYSOSTIGMINE. — Per gm.: ALKALOID, 14s. 8d. (5-gm. lots); SALICYLATE, 10s. and SULPHATE, 12s. 7d. (25-gm. lots); NITRATE, 11s. (50), sm. 1s.  $1\frac{1}{2}$ d. (500 gm.).

QUINALBARBITONE.—Under 25-kilos, 130s. per kilo.

RESORCINOL.—One-cwt. lots, 12s. 4d. per lb.

SALOL.—B.P.C., 9s. per lb. (1-cwt. lots). SULPHACETAMIDE.—One-cwt. lots, 24s. 6d. per lb. Sodium derivative, 30s.

SULPHAGUANIDINE. — One-cwt. lots, 11s. per lb.

Sulphanilamide. — One-cwt, lots, 6s. per lb.

SULPHAPYRIDINE.—Five-kilo lots, 120s. per kilo.

SULPHATHIAZOLE.—One-cwt. lots, 16s. 9d. per lb.

TEREBINTH.—B.P., 2s. 3d. per 1b.

THEOBROMINE. — ALKALOID in 50-kilos. about 60s. per kilo.

#### Crude Drugs

 Spot: Spanish napellus, ACONITE. 2s. 6d. per 1b.

AGAR.-Kobé No. 1, 15s. 9d. per lb. in

ALOES.—Cape primes, spot, 175s. per cwt.; shipment, 167s. 6d. Curação, spot, 480s.; shipment, 440s., c.i.f.

BALSAMS.—Per lb.; CANADA: Spot, 22s. for paper-filtered. COPAIBA: Spot, 7s. to 10s., duty paid as to source. PERU: Spot, 8s. 9d. in bond. Tolu (genuine as imported): 25s., nominal, B.P., 12s. 6d. per lb.

- Sumatra block, spot £22 to £30 as to quality.

Buchu. — Scarce. Spot rounds, 1960 crop, 5s. per lb.; 1958–59 crop, 4s. 3d. to 4s. 6d.

CALAMUS.—Root, 1s. 2d. per lb., c.i.f. Calumba.—Root, 100s. per cwt., spot, 87s. 6d., c.i.f.

Camphor.—B.P. powder, 3s. 10½d. per lb in bond.

Cardamoms. — Aleppy greens, spot cleared; prompt shipment, 13s. 7½d. per lb., c.i.f. Seeds, shipment, 21s. 6d., c.i.f.

CASSIA. — Fistula, 115s. per cwt. nominal; lignea (whole), 410s., duty paid.

CHERRY BARK. — Thin natural, 2s. 8d.

per lb.

CLOVES.—Zanzibar spot, 2s.  $9\frac{3}{4}$ d. per lb.; shipment, 2s.  $6\frac{3}{4}$ d., c.i.f.

COCHINEAL.—Black-brilliant, 9s. 6d. per lb., silver-grey, 8s. 6d.; Peruvian silver-grey, 4s. 6d., all spot.

Cocillana. — Bark, 2s. per lb., spot; 1s. 8d., c.i.f.

COLOCYNTH PULP.—Spot, 2s. to 2s. 6d.

per lb. as to quality. - Purpurea for shipment,

DIGITALIS. — Purpurea for shipmer 11d to 2s. 4d. per lb., c.i.f., as to test. ELEMI.—Spot, 2s. 6d. per lb. nominal. Shipment, not offering.

Ergot.—Portuguese nominally 9s. 9d. per lb., c.i.f., for prompt shipment; spot, 9s.

Frangula.—Spot, 105s. per cwt.

GENTIAN.—Spot: French, 155s. per cwt. GINGER. — African, spot, 230s. and 207s. 6d., c.i.f. Jamaican No. 3, spot, 205s.; shipment, 195s., c.i.f. Cochin, shipment, new crop, 142s. 6d., c.i.f.; spot, 170s. (cochin, cochin, 170s. (per cwt.).

GUM ACACIA. — Kordofan cleaned sorts, 157s. 6d. per cwt., spot. November-December shipment, 142s. 6d., new crop, January-February, 143s. (both c.i.f.).

HENNA. — Indian, spot, 105s. per cwt.; new crop, November-December shipment, 70s. cif.

70s., c.i.f.

HONEY.—Australian light amber, 100s. to 105s. per cwt, and medium amber 95s. to 100s. Argentine, 110s. to 115s.; Jamaican, 110s. to 115s.; Canadian clover, 145s. to 150s., all ex warehouse.

BPECACUANHA. — For shipment, c.i.f., per lb.—Colombian, 50s. 3d.; Costa Rican, 68s. 6d.; Nicaraguan, 66s. 6d. Spot: Matto Grosso, 53s. 6d. to 55s. as to test; Colombian, 55s. 6d.

JUNIPER BERRIES.—Italian, 90s. per cwt.; German, 130s.

Karaya. — No. 1 gum, spot 325s. per cwt. nominal; No. 2, 225s.

Kola Nuts. — Jamaican for shipment, 7d per lb., c.i.f. African, 5½d. spot and 4d., c.i.f.

Lanolin. — Anhydrous, B.P., is from 170s. to 175s, per cwt. in 1-ton lots and hydrous, B.P., 150s., free drums, delivered.

LEMON PEEL.—Spot, 2s. 6d. to 3s. per lb. Linseed.—Whole, 75s. to 80s. per cwt.; crushed, 105s.

LIQUORICE. — Natural root: Persian on the spot, 44s. per cwt.; Russian, 65s. and Anatolian decorticated, 175s. Block juice:

Anatolian from 190s. per cwt.; Italian stick from 392s. to 470s. per cwt.

LOBELIA HERB.—Dutch for shipment, 4s. per Ib., c.i.f. American, c.i.f., value 8s.

MACE. — Whole pale blade, 23s. 6d. per

MENTHOL. — Chinese: spot, 90s. per lb.; afloat, 85s., c.i.f. Shipment, 83s. Brazilian, 57s., in bond; 56s. 6d., c.i.f.; Formosan, 58s., duty paid (55s. 6d. in bond).

MERCURY. - About £70 10s. per flask of

NUTMEGS. — West Indian 80's 12s. per lb., spot; sound unassorted, 9s. 6d.; defectives, 7s.

Nux vomica.—Shipment, 90s. per cwt., c.i.f., subject to export licence.

ORANGE PEEL. — Spot: Sweet ribbon, 2s per lb.; bitter quarters: West Indian, 1s. Id.; Spanish, 1s. 7d.; bitter ribbon, 1s. 1d. 1s 4d.

Orris root.—Florentine, 350s. per cwt. Papain. — Tanganyikan, 12s. per lb., c.i.f., for grade one. Spot 13s. Ceylon all grades nominal.

PEPPER.—White Sarawak, spot, 5s. 4d. per lb.; shopment, 4s. 11d., c.i.f. Black Sarawak, spot, 4s.; shipment, 3s. 4d., c.i.f. Black Malabar, 460s. per cwt. spot, and 410s., c.i.f.

PEPPERMINT LEAVES.—Du 1s 9d. to 2s. 2d. per lb., c.i.f. LEAVES.—Dutch whole.

PIMENTO.—Spot, 590s. cwt.; shipment, 540s., f.o.b.

Podophyllum. — *Emodi*, 190s. per cwt. spot. *Peltatum*, 375s.

Pyrethrum.—Extract, minimum 25 per cent. w/w pyrethrins, 75s. per lb. for small

QUILLAIA. - Spot 230s, per cwt.; near shipment, 175s., per cwt., c.i.f.

RHUBARB. — Chinese small rounds from 5s. 9d. to 6s. 9d. per lb. on the spot.

SAFFRON.-Mancha selecta, 147s. 6d. per

SARSAPARILLA. — Jamaican native red spot and shipment are nominal,

SENEGA—Spot, 21s. 6d. per lb.

SENEGA.—Spot, 218. od. pet 10.

SENNA. — Tinnevelly LEAVES, prime
No. 1, 1s. 6d. per 1b., nominal, f.a.q.;
No. 3, 9d. Pods: Manufacturing (f.a.q.),
9d. and hand-picked, 1s. 6d. to 1s. 10d.

Alexandria pods: Manufacturing, 1s. 6d.;
new crop hand-picked, 4s. 6d. to 7s.

Company FORTN 2008 6d. per cwt.

Shellac.—F.O.T.N., 202s. 6d. per cwt.; No. 1, 225s.; F.O., 235s. to 285s., spot.

SQUILL.—White 85s. per cwt., spot.

STRAMONIUM. — Indian Leaves 60s. per cwt., spot. Dutch 0.5 per cent. alkaloid 93s, c.i.f.

STYRAX. — Spot, 32s. 6d. per lb., shipment, 30s., c.i.f.

Tonquin Beans.—Para spot, 7s. 3d. per lb. Shipment, 7s., c.i.f. Angostura 11s.

TRAGACANTH. — No. 1 ribbon, £145 to £150 per cwt. No. 2, £135 to £140.

TURMERIC. — Madras finger on spot is 105s. per cwt.; November-December shipment, 92s. 6d., c.i.f. quoted.

Valerian Root. — Spot: Belgian, whole (max. 2½ per cent. sand) for prompt shipment, 145s., c.i.f. Dutch old crop cleared; new-crop prices awaited.

VANILIN.—Rates (per lb.) are now:-5-cwt. lots, 23s, 3d.; 1-cwt., 23s, 6d. 56-lb., 23s, 9d.; smaller quantities, 24s.

Waxes. — (Per cwt.). Bees'.—Dar-es-Salaam, spot, 485s.; shipment, 460s., c.i.f. Abyssinian, spot 410s, in bond; shipment 370s., c.i.f. Benguela, shipment, 380s., c.i.f. Sudanese, spot, 425s.; shipment, 380s., c.i.f. Candellilla, spot, 460s. 380s., c.i.f. CANDELILLA, spot, 460s. CARNAUBA, fatty grey, spot, 540s.; shipment, 520s., c.i.f.; prime yellow, spot, 740s.; shipment, 720s., c.i.f.

WITCH HAZEL LEAVES .- New-crop nominally, 3s. 6d. per lb.

#### **Essential and Expressed Oils**

AMBER.—Rectified on the spot, 1s. 6d. per lb.

BAY.—West Indian, 12s. per lb. on the spot.

Bots DE ROSE.—Brazilian, 15s. per lb. on the spot and 14s. 9d., c.i.f.

CAJUPUT.—Spot from 10s. per lb.

CALAMUS.—Spot, 62s. 6d. per lb.

Cananga.—Spot, from 42s. 6d. per 1b. - Imported oil, 27s. 6d. to CARAWAY. 37s. 6d. per lb.

CEDARWOOD.—American rectified, 5s. 6d. per lb. on the spot.

CELERY SEED. - Dutch oil, 90s. per lb. and Chinese, 65s.

CITRONELLA. — Ceylon, spot, 6s. 7d.; shipment, 6s. 3½d. per lb., c.i.f. Formosan, spot, 6s. 4½d., in bond; shipment, 6s. 3d.,

Coriander.—B.P. oil, 52s. 6d. per lb., spot.

CUBEB.—Small spot supplies of imported are 65s. per lb.; English, 90s.

CUMIN.—Imported oil, 90s. per lb.

DILL.—Imported, 26s. 6d. per lb., spot. EUCALYPTUS.—Australian 70 to 75 per cent. eucalyptol on the spot is 5s, 3d, per lb. 80–85 per cent., 5s. 6d. Spanish (70–75), 3s. 6d. spot. Chinese 3s. 3d., duty paid.

FENNEL. - Spanish sweet, spot, 10s. per

Geranium. — Bourbon, 140s. to per lb. on the spot; Algerian, 140s.

Grapefruit. — Jamaican, 12s. 6d. per lb. spot. Florida, 14s. 6d., nominal.

JUNIPER. — B.P.C. 1949 oil is from 15s. per lb. on the spot. English-distilled, 150s. JUNIPER WOOD, from 5s.

LAVENDER.—From 20s. to 50s. per 1b.

as to quality.

LEMON.—Californian cold-pressed from 12s, 6d. per lb., spot. Terpeneless, 500s. per lb.

LEMONGRASS.—Spot, 14s. per lb., nominal and shipment, 13s. 9d., c.i.f.

NUTMEG.—Imported B.P. oil is 90s. per lb. English-distilled 140s.

Orange.—Spot quotations of sweet oil include Floridan at 4s, per lb. nominal; West Indian, 4s. 6d.; Israeli, 7s. 6d.; Californian, 5s. 3d. to 7s. 6d.

Palmarosa. — Spot, 36s. 6d., per lb., 34s., c.i.f.

PEPPERMINT. — Arvensis: Chinese spot, cleared. Brazilian, 17s. 3d. per lb. spot and shipment, 17s., c.i.f.; new-crop, 16s. 3d., c.i.f. Piperita: Italian "Mitchamtype" nominally 55s. per lb., c.i.f., for new crop. Bulgarian, B.P., 32s. 6d. American 36s. per lb. can, 36s. per lb.

ROSEMARY.—Spanish is 7s. 6d. per lb. on the spot for best quality.

RUE.—Spanish is 25s. per lb. spot.

Sandatwood.—Mysore 150s. to 155s. per lb. Australian, 70s.

SPEARMINT.—American oil on the spot 46s. 6d. per lb.

Vetivert.—Bourbon spot, 115s. to 120s. per lb.; shipment, 113s., c.i.f.

### YLANG YLANG.—Spot, 37s. 6d. per lb.

UNITED STATES REPORT New York, November 15: Japanese MENTHOL advanced by 35 cents to a nominal price of \$11.35 a lb. Higher per lb. among Essential Oils were Sandalwood at \$25.75, up \$1, Lemon-GRASS at \$2.05, up ten cents, SPEARMINT at \$6.95, up 45 cents, and natural Per-PERMINT at \$5.25, up 30 cents, with redistilled at \$5.60, up 30 cents. Lower were Florida ORANGE at 40 cents, down five cents, and Bourbon GERANIUM at \$21.75, down 25 cents,

# EXPORTING TO MEXICO

# Gateway to £400 million market

ANNOUNCING plans to hold two specialised all-British trade fairs in specialised all-British trade fairs in Mexico City from September to November 1961, Sir Norman Kipping (director-general, Federation of British Industries) said Mexico represented a potential market of £400 millions. The Fairs, sponsored by the F.B.I. and the Dollar Exports Council, had received the blessing of the Board of received the blessing of the Board of Trade and would be organised by British Overseas Fairs, Ltd. Mexico City had been selected as the centre for the Fairs because 70 per cent, of all Mexican industry and commerce was located there. Mexicans predicted that in the next decade their capital would have more than doubled its present 5 million population and become a business centre comparable in importance with London, Paris or New York, Among the reasons given by Sir Norman that British industrialists should consider the potentialities of the Mexican market were: Mexico's gross national production would go on increasing at the the tendency and the United States 75 per cent. Mexican credit was good; the real of the World; Britain's share last year of imports was less than 4 per cent, whereas Germany had 7 per cent, and the United States 75 per cent.; Mexican credit was good; there was a stable government and when there was a stable government and, unlike many other Latin-American countries, the economy was broadly based, not dependent on any one commodity.

As it was the policy of the Mexican Government to restrict imports by quota, the organisers proposed that the two fairs would be confined to buyers and perhaps students (except at weekends). The first fair, to be open September 29 to October 15 would be called "British Equipment for Mexican Industry" and would cover not only raw and semi-finished materials and all types of components, but also production machinery; weighing and packaging; measuring and other instruments and a variety

of other producers' goods.

The second fair (November 3-19),
would be called "British Equipment
for Mexican Development," and would include equipment for the manufacture of pharmaccuticals; scientific instru-ments; radioisotopes; medical, hospital and photographic equipment.

#### **WORLD TRADE**

French Export Policy Changes.—The French Government has announced that fifty products, the export of which was hitherto subject to a special licence, are now exportable without restriction. The list includes shellac, agar, mercury and some chemicals.

Pharmaceuticals in Peru.—Following recent legislation to promote the production of pharmaceuticals in Peru the United States Vitamin Corporation has decided to invest \$350,000 in the construction of a factory at Lima. It has been reported that Merck & Co. are considering similar action. Meanwhile a visiting German mission has completed its studies for the establishment of new hospitals throughout Peru and the German Government has offered a loan of \$10 millions to finance the building of the proposed eight hospitals.

# COMING EVENTS

Items for inclusion under this heading should be sent in time to reach the Editor not later than first post on Wednesday of the week of insertion.

## Monday, November 21

ENFIELO BRANCH, PHARMACEUTICAL SOCIETY, at 7,30 p.m. Visit to the pharmaceutical and out-patient departments, North Middlesex Hospital, Edmonton.

INOUSTRIAL PHOTOGRAPHIC AND TELEVISION EX-HIBIT.ON. Royal Albert hall, London, S.W.7. (Until November 25.)

NOTTINGHAM BRANCH, NATIONAL ASSOCIATION OF

NOTINGHAM BRANCH, NATIONAL ASSOCIATION OF WOMEN PHARMACISTS, Playhouse theatre, at 7.15 p.m. (meet outside), Theatre visit.

PESTICIDES GROUP, SOCIETY OF CHEMICAL INOUSTRY, 14 Belgrave Square, London, S.W.J., at 5.30 p.m. Mr. L. C. Stones (Cooper, McDougall & Robertson, Ltd.) on "Systemic Line of feneratisides in A himmle." Use of Insecticides in Animals.'

PLYMOUTH BRANCH, PHARMACEUTICAL SOCIETY, lecture hall, Freedom Fields Hospital, at 7.30 p.m Brains trust.

# **TELEVISION**

Figures in the columns represent number of appearances of the product during the week.

November 27 to December 3	London	Midland	North	Scotland	Wales	South	N.E.	Anglia	Ulster
Alka-Seltzer	1 2	4	1 2	1	1	1 3	1 5	1	1 5
André Philippe hair lacquer	_	_	_	1	_	_	_	_	_
Aspro	5	3	3	2	6	2	3	2	_
Beecham's pills powders	 8	2	2	1	1	1 5	4	1 5	4
Bisodol	_	_	_	_	1	_	_	_	3
Buttercup syrup California syrup of figs	_	_	4	_	_	_	_	_	_
Coldrex	4	4	4	4	4	4	4	2	4
Coliclean Cooper's aerosols	_ 6	9	1	6	 5	 5	5		6
Cuticura	_	_	2	_	_	_	_	_	2
Deep Heat	1	2		2	1	2	2	_2	1
Dristan tablets Elliman's	_	_	1	_	_	_			
embrocation	1	1	1	1	_	1	1	_	_
Germolene Gillette	3 5	4	5	5	3 5	5	1 5	3	3 5
Gon tablets	_	_	_	_	_	—	1	_	_
Guavin His Excellency		_	_	_	_	3	_	_	_
Horlicks	1	1	1	_	1	1	1	_	1
Imperial Leather soap	_	1	1	-	_	_	—	_	1
Johnson's baby products	2	2	3	2	2	2	2	2	1
Kleenex	_	1	1	2	ī	2	2	1	2
Lantigen products			1	 1		1	_ 1	_ 1	
Loxene hair cream shampoo	1	1	1	1	1	1	1	1	1
Mac throat sweets	3	3	1	_	_	_	_	_	_
Max Factor gift sets Milk of Magnesia	2	2	2	1	2	2	_2	_3	2
tablets	1	_	_	2	1	1	1	2	_
Norvic electric blankets	1	1	_	1		_	_	_	_
Owbridge's products	3	3	2	_	3	3	3	3	3
Panets	3	_	_	_	_	_	_	_	4
Philips electrie blankets				_	1	1	2	_	_
Philishave	6	6	6	6	6	6	6	6	6
Phillips tooth-paste  Phosferine	1 2	2	2	_	_	_	_	_	_
Phyllosan	1	_	_	-	_	1	_	_	_
Rinstcad pastilles Ronson CFL shaver	1 3	1 2	3		1	2	2	1	3
Ronson CFL shaver Scotties	3	3	3	3	3	3	3	3	3
Setlers	_	1	_	_	_	1	_	_	_
Stergene Sure Shield lozenges	3	4	3	6	5	4	5	_5	4
Tru-Gel	1	_	_		_	_	—	_	—
Vaseline petroleum	5	4	4	5	5	5	5	5	5
Veno's cough mixture	1	_	_	_	_		_	_	_
Vykmin	1	1	1 -		1	1	1	1	1

# Tuesday, November 22

AGRICULTURE GROUP, SOCIETY OF CHEMICAL INOUSTRY, 14 Belgrave Square, London, S.W.1, at 10.30 a.m. Symposium on "Physiological and Economic Aspects of the Nutrition of Livestock,

WEST HERTFORDSHIRE BRANCH, PHARMACEUTICAL SOCIETY, Three Horseshoes hotel, Garston, at 8 p.m. Branch motions.

WEST MIODLESEX CHEMISTS' ASSOCIATION and Branch, Royal Oak, Ealing Broadway, London, W.5, at 8 p.m. Dr. F. H. Milner on "Allergie Diseases in Man.'

#### Wednesday, November 23

BIRMINGHAM PHARMACEUTICAL ASSOCIATION. botanical gardens, Edgbaston, at 8 p.m. Dance. LONDON SECTION, ROYAL INSTITUTE OF CHEMIS-TRY, South-west Essex College of Technology, Forest Road, London, E.17, at 7 p.m. Professor J. A. V. Butler on "Nucleic Acids and Heredity,

## Thursday, November 24

CHEST AND HEART ASSOCIATION, Royal Festival hall, London, S.E.1, at 10 a.m. Conference on "The Health of Business Executives."

DUNGEE AND EASTERN SCOTTISH BRANCH, PHAR-MACEUTICAL SOCIETY, Royal hotel, Dundee, at 7.30 p.m. Mr. R. S. Nicolson (city analyst) on "A Day in the Life of a Public Analyst." FIN. HILY BRANCH, PHARMACEUTICAL SOCIETY, at

2.15 p.m. Visit to Elliott Bros. division, National Cash Register Co., Ltd., Elstree Way, Boreham Wood.

GREAT YARMOUTH AND LOWESTOET BRANCH, PHAR-MACEUTICAL SOCIETY, hotel Victoria, Lowestoft, at 7 p.m. Annual dinner and dance.

GUILDFORD BRANCH, PHARMACEUTICAL SOCIETY, Prince of Wales, at 7.30 p.m. A representative of Coty (England), Ltd., on "Cosmetics and Perfume."

INSTITUTE OF PACKAGING, Connaught Rooms, Great Queen Street, London, W.C.2, Conference on "Odour in Packaging." (And on November 25.)

LEICESTER AND LEICESTERSHIRE BRANCH, PHARMA-CEUTICAL SOCIETY, Shakespeare hotel, Leicester, at 8 p.m. Annual Christmas dance.

# Friday, November 25

Bristol College of Technology, School of Pharmacy, At 4 p.m., open day; at 7.30 p.m., presentation of prizes for 1959-60 and address by Professor G, E, Trease (head of the pharmacy department, Nottingham University),
LIVERPOOL CHEMISTS' ASSOLIATION and BRANCH,

Exchange hotel, at 8 p.m. Buffet dance in aid of the Society's Benevolent Fund.

# Saturday, November 26

SOUTH-WEST METROPOLITAN HOSPITAL PHARMA-CISTS' COMMITTEE, Regional Hospital Board's offices, 40 Eastbourne Terrace, London, W.2. At 2.45 p.m., annual meeting and report on joint contracting for pharmaceutical supplies; at 5.30 p.m., reception.

## Advance Information

Worshipful Society of Apothecaries of London, Faculty of the History of Medicine and Pharmacy, at 5.30 p.m. on December 2, Dr. A. H. T. Robb-Smith on "The Growth of Knowledge of Functions of Blood."

## PRINT AND PUBLICITY

## PRESS ADVERTISING

DOMESTOS, LTO., Newcastle-on-Tyne, 6: Bubbly Stergene, In women's magazines and provincial weekly and daily newspapers.

EUCRYL, LTD., Oakley Road, Shirley, Southampton: Galloways cough syrup, In Daily Mirror, Daily Sketch, Sunday Pictorial, T.V. Times, The Viewer and Television Weekly,

EVER READY CO. (GREAT BRITAIN), LTD., Hercules Place, Holloway, London, N.7: Figaro electrie shavers. In Daily Express, Daily Mirror and Daily Mail.

# **PATENTS**

#### COMPLETE SPECIFICATIONS ACCEPTED From the "Official Journal (Patents), November 9

Solid dosage units having an enteric coating of a partially esterified polyvinyl alcohol, C, E. Frosst & Co. 857,864.

Substituted anilides, A. E. W. Smith, 857,653. Method of preparing phthalein and fluorescein de-rivatives, J. Korbl. 858,019.

Manufacture of metal salts of formo-sulphathia-zole, CIBA, Ltd. 858,133.

Phosphate-modified starches. International Minerals & Chemical Corporation, 857,868.

Ion-exchange materials and processes, Permutit Co., Ltd. 858,137.

Production of di-substituted hydroquinones, Monsanto Chemical Co. 858,028.

Preparation of basic phenothiazine derivatives. Sandoz, Ltd. 858,140.

Preparation of a therapeutically active on the basis of mandelic acid 3:5:5-trimethylcyclohexanol ester and process for preparing such a preparation, Koninklijke Pharmaceutische Fabrieken Voorheen Brocadesstheeman & Pharmacia, N.V. 858,029.

Antiseptics and disinfectants, Reckitt & Sons, , S. N. H. Stothart and G. C. Beecroft. 858 030.

Process of preparation of salts of basic antibiotics. Laboratorio Astral, Ltd. 857,875.

Polyisocyanate compositions, Imperial Chemical Industries, Ltd. 857,876.

16-substituted-6-methylsteroid compounds. British Drug Houses, Ltd. 858,033.

Compounds containing boron and silicon, American Cyanamid Co. 857,882.

Pyridazines. Lepetit, S.p.A. 858.036.

Cyclopentadiene derivatives, Imperial Chemical Industries, Ltd. 858,078.

Polymethylene bis-azetidines. Lepetit, S.p.A. 858.038.

Fat soluble vitamin compositions. Nopco Chemical Co. 858,082.

Process for the production of 4-hydroxycounarin and its derivatives, Council of Scientific & Industrial Research, 858,110.

Method for synthesis of amides of imidazole or Cyanamid benzimidazoles. American 856 086

Vinyl phosphonic acid and derivatives thereof and a process for their manufacture. Farbwerke Hoechst A.G. Vormals Meister, Lucius, & Bruning, 858,057.

Electrodialytic processes. Permutit Co., Ltd. 857.850.

Sieve-drum driers, J. Fleissner, H. Fleissner and G. Fleissner (trading as Fleissner & Sohn Maschinentabrik), 857,760.

Sieves or screens. Baker Perkins, Ltd. 857,620. Urine bottles. G. Rouquet. 857,987. Applicator-pad fitting for use on jars or like

containers, G. E. Marshall, 857,968.

British patent specifications are obtainable (price 3s. 6d. each) from The Patent Office, 23 Southampton Buildings, Chancery Lane, London, W.C.2.

# TRADE MARKS

#### APPLICATIONS ADVERTISED BEFORE REGISTRATION

From the "Trade Marks Journal," November 9 For chemical products for use in photography, agriculture and horticulture; artificial manuves; fire-extinguishing compositions; chemical sub-stances for preserving foodstuffs; anti-freezing preparations or compounds (1) and for combs and sponges; brushes, etc. (21)

GUSSIE, 799,990, 800,010, by Great Universal Stores, Ltd., Manchester, 12. For detergents (not for use in industrial or manu-

facturing processes) (3)
FROLIC, 796,035, by Co-operative Wholesale Society, Ltd., Manchester, TIK-ET, 806,577; by Diversey (U.K.), Ltd., London, W.I.

For all goods, but not including polishing or abrasive preparations or materials (3)

797,551, by Liverpool Adhesive LAPSWIET. Paste Co., Ltd. Liverpool, 3.

For face powders, rouge, foundation creams and mascara, all being non-medicated toilet preparations; and perfumes cna lipsticks (3)

MUTATION, 797,623, by Gala of London, Ltd., London, W.1, and Surbiton, Surrey.

For perfumes and toilet preparations (not medicated) (3)

Device with word PINAUD, 801,587, by Pinaud, Ltd., London, S.W.4.

perfumes, toilet preparations (not medicated) cosmetic preparations, dentifrices, depilatory preparations, toilet articles, sachets for use waving the hair, soaps and essential oils (3)

TEX B804.123, by County Laboratories, Ltd., Brentford, Middlesex.

For soaps and non-medicated toilet and cosmetic preparations for the skin, all being goods for export from the United Kingdom other than for export to the Republic of Ireland and the Channel Islands (3)

PONDERMA, 807,029, by Chesebrough-Ponds, Inc. New York, U.S.A.

For soaps, perfumes, non-medicated toilet preparations, essential oils, cosmetics, hair lotions, shampoos and dentifrices (3)

GEN-O-MAR, 807,115, by N. & J. Evans,

For hand-cleanising preparations (3) MITZI, 808,474, by Deb Chemical Proprietaries, Ltd., Belper, Derby.

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cultured lymphoblast L-5178Y, Nature, November 12.

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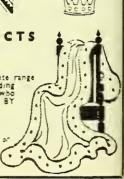
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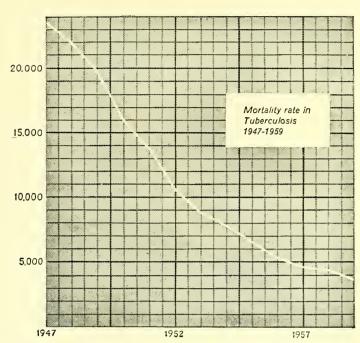








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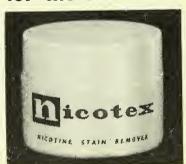
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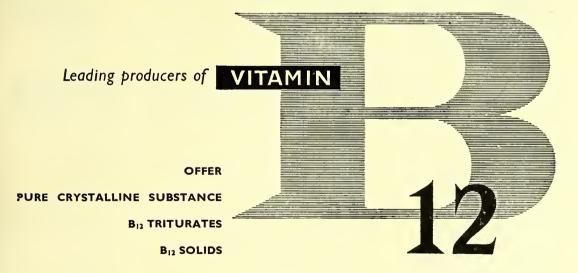
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British Dyewood Co., Ltd	Garrard Engineering & Manufacturing Co., Ltd 8
Boutalls Chemists, Ltd	George, Ernest J., & Co Classified Section
Brook, Parker & Co., Ltd4	Glaxo Laboratories, Ltd
Brown, N. C., Ltd 32	Golden, Ltd 34
Burrough, James, Ltd 4	Graesser Salicylates, Ltd. 28
Burroughs Wellcome & Co., Ltd Interleaved Edit., 651	Haetam, Ltd
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		Pharmaceutical Manufacturing Co	25
Illingworth, E., & Co., Ltd.	19		
Ilon Laboratories	26	Ransom, William, & Son, Ltd	
		Rapidol, Ltd	
Johnson & Johnson (G.B.), Ltd 13,	17	Riddell Products, Ltd	4
		Riker Laboratories, LtdInterleaved Edit., 22,	2:
Keldon, Ltd Cover	iii	Roberts Chemists, Ltd	1:
Kellys, John (London), Ltd.	30	Rubinstein, Helena, LtdInterleaved Edit.,	2
Kemsales, Ltd.	30		
		Salter, George, & Co., Ltd	
London Rubber Co., Ltd.	37	Sangers, LtdCover	i
		Silber, J. J., Ltd.	10
Macarthys (Wholesale Chemists), Ltd,	7	Silten, Ltd.	2
McEwan, Leonard, Ltd.	30	Sutton, W., & Co.	3
Margolis, Sidney, & Co., Ltd.	27		
		Vick International, Ltd	:
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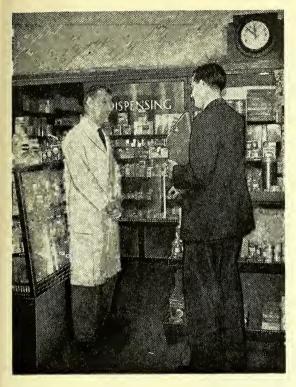
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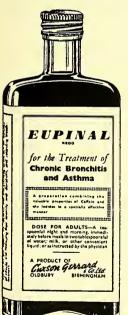
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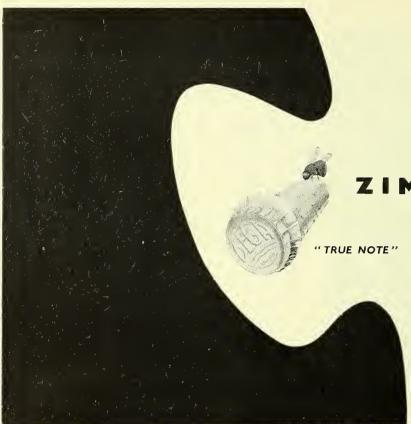
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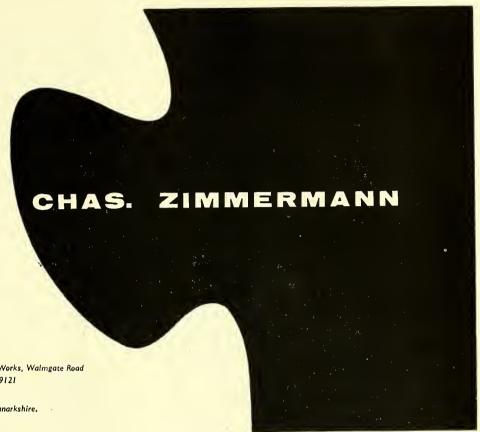
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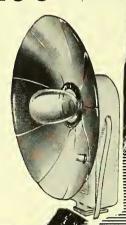
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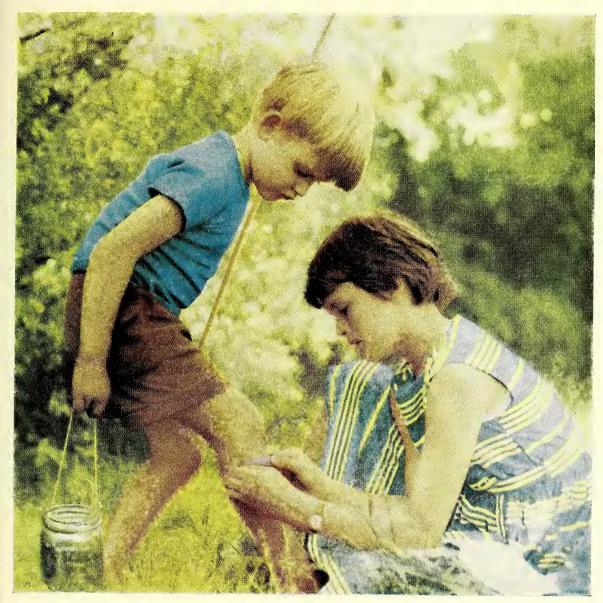
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Telegrams and Cables: CONDANOL LONDON



# youll BLESS BAND-AID too

They'll bless this BAND-AID dressing in the handy New Dispenser Pack. SAFE—it's individually sterilised and overall perforated for quicker, cleaner healing. ECONOMICAL—all 36 inches can be used. EASY TO USE—a twist of the base and the dressing is ready for cutting to the size that's wanted.

RETAIL PRICE  $1\frac{1}{2}$  x 1 yard 2/3 each  $2\frac{1}{2}$  x 1 yard 3/3 each

TRADE PRICE 19/3 per doz. 27/10 per doz.



The photograph shown above is one of a series being used in our 1960 Advertising, telling your customers how essential BAND AID Dressings are, whether at home, on outings or on holiday.

\*

BAND-AID is the registered Trade Mark of Johnson Johnson



Guaranteed bigger \( \bigsize \) and bigger sales!

Deep soap treatment is a sister product of the phenomenally successful Deep shampoo for greasy hair. Deep soap contains IRGASAN B.S. 200, which is both fungicidal and bactericidal—even more effective than hexachlorophene. It eliminates the cause of spots, blackheads and other skin blemishes. Deep soap is the complete new treatment for all girls and women with greasy skin and acne—estimated to be 70% of the female population!

Men, too! Another vast market for Deep soap. Think of all the women who will buy Deep for their men... see that they do—from your shop.

DEEP is already a household name

# 37,750,000 TEENAGERS (both sexes) AND WOMEN

will read the powerful, persuasive advertising for DEEP soap treatment in:

WOMAN · WOMAN'S OWN · WOMAN'S MIRROR · MARTY

MIRABELLE · DATE · BOY FRIEND · HONEY · SHE · TRUE

STORY MAGAZINE · SINCERELY · PHOTO PLAY · MARILYN

VALENTINE · ROXY

# TRADE TERMS:

20/- a box of 12 tablets + P. Tax Retail at 3/- a tablet . . . in dominating display cartons of 1 doz.

From your wholesaler or direct from the numufacturer of DEEP soap treatment.

C-B

PRODUCT OF THE CHARLES BEDEMAN RESEARCH ORGANISATION 180 Queen's Road, London S.E.15. Telephone: New Cross 5755.





# PACKED GOODS

Attractively labelled and presented

PRICE LIST ON APPLICATION

Mansfield Road
Derby Tel: 40671 (10 lines)

also at

Ashton-u-Lyne Tel: 5161 (9 lines)

# FOR YOUR CONTINENTAL PRODUCTS

KISBY DRY SHAMPOO POWDER

COLLYRE BLEU EYE DROPS

**OKASA** TONIC TABLETS

VADEMECUM MOUTHWASH TOOTH PASTE

TCHE HAO MASSAGER

BOULE QUIES EAR PLUGS

ROWACHOL DROPS & CAPSULES

ROWATINEX DROPS

ROWALIND LIQUID

HIRUDOID OINTMENT

COMBIZYM DRAGEES

MONOTREAN DRAGEES

LUIZYM

AND 500 OTHER CONTINENTAL LINES IN STOCK

# ROBERTS CHEMISTS (BOND ST.) LTD

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Please write or phone for samples, literature and catalogues



# IN THE PHARMACEUTICAL INDUSTRY



#### DE LAVAL CENTRIFUGAL CLARIFIERS

The quickest—most efficient and most economical way of CLARIFYING LIQUIDS!

All stainless steel contact where required, and hermetic construction available for materials where no air contact is permitted. Capacities from 1 g.p.h. upwards.

A few typical products, in the preparation of which

De Laval Clarifires are used by many leading manufacturers, include:-

Gland Extracts Insulin Riboflavin
Liquorice Extracts Morphine Vitamin B12
Senna Extracts Quinine Vaccines

And for capacities up to 6,600 g.p.h.

the new Self-Cleaning Clarifiers with automatic solids ejection – fully automatic control and no shut-downs for cleaning.

DE LAVAL All Stainless Steel Self-Cleaning Clarifier.

# DE LAVAL ASTRA HOMOGENISERS For your Pharmaceutical Emulsions

Capacities 55-2,200 g.p.h. Pressures up to 4,000 p.s.i.

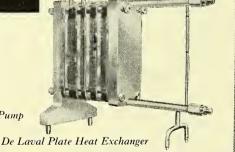
> DE LAVAL 100 g.p.h. Homogeniser



# For counter current extraction DE LAVAL SEPARATORS

De Laval Separators operating on counter current extraction principles are used by leading Penicillin and other antibiotic manufacturers—they give flexibility of operation—a clean separation and a very high degree of extraction.





DE LAVAL Easy Glean Stainless Steel Pumps and Plate Heat Exchangers

for your pumping and heat exchange problems.

ALFA-LAVAL COMPANY LTD

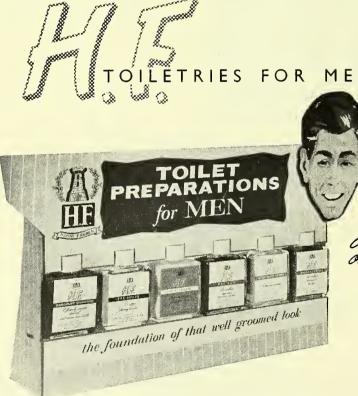


GREAT WEST ROAD . BRENTFORD . MIDDX . Tel: ISLeworth 1221

Smee's D.L. 435



ann	ounce the	buka Iu followin	g price re	visions
efl	fective fro	m 14th N	November,	1960°
CODE	PRODUCT SIZE	RETAIL PRICE PER UNIT	STANDARD WHOLESALE PRICE PER DOZEN	PURCHASE TAX PER DOZEN
COUNTY LABORATORIES LIMITED  announce the following price revisions effective from 14th November, 1960  CODE PRODUCT SIZE RETAIL PRICE WHOLESALE PRICE PER DOZEN PER DOZEN  MACLEANS TOOTH PASTE  M.51 STANDARD 2/- 15/1 3/9  M.52 LARGE 2/11 22/- 5/6  M.53 ECONOMY 3/9 28/4 7/1  AMAMI WAVE SET  E.31 SMALL BOTTLE 1/8 10/8 5/4  E.32 LARGE BOTTLE 3/- 19/2 9/7  COUNTY LABORATORIES LIMITED  Beecham House West, Great West Road, Brentford, Middlesex. ISLeworth 4171				
M.51	STANDARD	2/-	15/1	3/9
M.52	LARGE	2/11	22/-	5/6
M.53	ECONOMY	3/9	28/4	7/1
	AI	MAMI WAY	/E SET	
E.31	SMALL BOTTLE	1/8	10/8	5/4
E.32	LARGE BOTTLE	3/-	19/2	9/7
	COUNTY	I ARORATOR	IES LIMITED	





# An exciting new range with an old and well established name

Henri Frêres (H.F.) range of Toiletries for Men are produced especially for, and designed to appeal to, the modern male. The individual lines in the series cover the wide field of men's toilet requirements and the immaculate presentation of the 3-oz. bottles is sure to speed the sales.

18/- per dozen.

Dandruff Shampoo Tax 25%.

Retail 3/3

18/- per dozen.

Remainder of Series

Retail 3/6

Agents AYRTON SAUNDERS & CO. LTD., HANOVER ST., LIVERPOOL



# E. ILLINGWORTH & CO. (Bradford) Ltd.

# **COTTON WOOLS**

# ILLMOND—COTTON WOOL DISPENSER PACK

Package has tuck-in ends and can be re-sealed. Hygiene ensured. Elegant design of pack makes it perfect for a lady's dressing table. Only as much as is needed is pulled out at a time.

B.P.C. quality cotton wools, Hospital quality cotton wool (Drug Tariff). Sterilised and Unsterilised in all weights, for Home and Export.

Quantities labelled with your own labels from ½ oz. to 16 oz. standard packets.

Bottle neck wool, filter pads, gauze and cotton tissue B.P.C. Quality, Respirator refills.

# PACKING | MATERIALS

## NEEDLELOOM FELTS

for thermal, sound and vibration insulation and protection.

#### **COTTON WOOLS**

Bleached and Unbleached Rolls from 2 in. to 40 in. wide, weights 3 oz. per sq. yd. upwards.

Sized Waddings. Cut Sizes or Rolls.

# E. ILLINGWORTH & CO. (Bradford) Ltd.

SHELF MILLS, SHELF, NR. HALIFAX, YORKS.

Tel BRADFORD 76261/9. Grams "ILLMOND BRADFORD"



# THE CHEMIST AND DRUGGIST

ESTABLISHED 1859

The weekly newspaper for pharmacy and all sections of the drug, pharmaceutical and fine chemical, cosmetic, and allied industries

Official organ of the Pharmaceutical Society of Ireland and the Pharmaceutical Society of Northern Ireland

Volume 174

November 19, 1960

No. 4214

# CONTENTS

Advances in Chemical Research	644
A London Pharmacy Transformed	641
Branch and Association Events	646
Correspondence	633
Cumulative Price List	647
Exports to Mexico	659
Figures in the Pharmaceutical World	643
Leading Articles:	
A Rejoinder on Price Cutting	639
Greater Freedom with Off-licences	639
Leicester's 70 per cent. Pass List	636
Miscellaneous Inquiries	656
New Poisons Bill in Eire	635
New Products and Packs	632
"Open Shop"	640
Pharmaceutical Society of Ireland:	
Council Meeting	637
Pharmaceutical Specialities on Show	630
Topical Reflections	629
Any Business Questions 642 Makers' Activities	636
Business Changes 634 Marriages	
Coming Events 659 New Books	
Commercial Television 659 Patents	660
Company News 634 Personalities	634
Contemporary Themes 660 Pharmacist's Anth-	
Deaths 634 Print and Publicit	
Equipment 645 Trade Marks	
Expansion Plans 635 Trade Notes	
Information Wanted 632 Trade Report	
In Parliament 635 World Trade	639
INDEX TO ADVEDTISEDS Do 5 &	6

#### INDEX TO ADVERTISERS, Pp. 5 & 6.

Classified Advertisements, p. 42.

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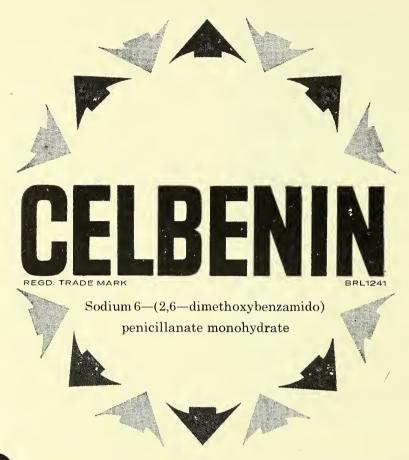
MORGAN BROTHERS (PUBLISHERS), LTD., at 28 Essex Street, Strand, London, W.C.2

Telephone: Central 6565 Telegrams: Chemicus, Estrand, London

WOLVERHAMPTON: 89 Woodland Avenue, Tettenham Wood. GLASGOW: 160 Nether Auldhouse Road, S.3. *Phone: Langside* 2679. LEEDS, 16: 32 Wynford Rise, West Park. *Phone: Leeds* 67 8438.

## ANNUAL SUBSCRIPTION

which includes The Chemist and Druggist Diary and Year Book, £2 10s. Single copies one shilling each.



A new penicillin has been prepared which is active against the usual penicillin-sensitive microorganisms and yet resists staphylococcal penicillinase. This is a major event in chemotherapy. From the information given in the British Medical Journal last week and in the three papers appearing in our present issue there is good reason to hope that the new BRL 1241 ('Celbenin', Beecham Research Laboratories) will be a means of controlling the staphylococcal infections which have plagued hospitals throughout the world during the past ten years.

EDITORIAL (1960) LANCET, ii, 585

Seven papers reporting work on Celbenin appeared in the British Medical Journal of September 3rd, 1960, on pages 687, 690, 694, 700, 703, 706 and 708; three in the Lancet of September 10th, 1960, on pages 564, 568 and 569.

CELBENIN is a product of British Research at BEECHAM RESEARCH Laboratories Ltd. Brentford, England



TANG

# Roll in the customers with ROLL-ON TANG!

here is a lot of brand-new profit to be made selling the brand-new ANG range to your men customers—and all the women who buy nem presents! These exciting new masculine toiletries (including ne revolutionary roll-on After-Shave and Pre-Electric Shave) are oing to be a big success. They are backed by a big national dvertising campaign, powerful showcards and dispensers for you use and they are made by the makers of PRINCE GOURIELLI you know how good they are!

## RICE RIGHT

ig, man-sized, long lasting packs lling at only 7/6 and 9/6.

# RODUCTS RIGHT

fter-Shave and Pre-Electric Shave bottles or roll-on applicators, Talc ith deodorant, Shampoo, Hair 'ream and Men's soap—what more buld any man want?

## ACKS RIGHT

raceful modern flasks, dramatic, nanly red, black and gold cartons, citing 'duet' gift packs.



Be prepared for the big Christmas demand or Tang gift packs!



AGENCY APPOINTMENT IS ON A SELECTIVE BASIS

# PHOLTEX

for the first time in cough treatment a product specifically designed for prolonged effect.



one week's cough treatment

for as little as 8d. a day (basic N.H.S.) from a 2 oz. bottle of PHOLTEX

# PHOLTEX

gives hours of relief with a single dose through ion-exchange release.



longer-acting than other cough suppressants
Up to ten hours relief from a single
teaspoonful because 'Pholtex' contains the
cough suppressant, pholodine, and the antihistamine,
phenyltoloxamine. Both are presented as
ion-exchange resin complexes to provide smooth and
prolonged effect from each dose.

relief with only two doses daily Pleasantly flavoured 'Pholtex' is excellent for both children and adults with troublesome, unproductive and useless cough.

dosage

for adults: 1 teaspoonful, night and morning for children: ½ to 1 teaspoonful, according to age, night and morning.

Each teaspoonful (4 ml.) contains: pholocodine as resin complex 15 mg. phenyltoloxamine as resin complex 10 mg.

in a thixotropic vehicle.

Available in bottles containing 2 oz. and 20 oz. Retail prices 8/- and 74/- respectively



RIKER LABORATORIES LIMITED Loughborough Leicestershire

# a new attractive pack for Bengué's Balsam

Formula
Menthol 20%
Methyl salicylate 20%
In a Lanoline base

For speedy and sustained relief in Rheumatic pains, Fibrositis, Neuralgia, Gout, Sciatica and Muscular pain.









# and now a NEW stainless, greaseless Bengué's Balsam

Formula
Menthol 10 G
Methyl salicylate 15 G
Greaseless base to 100 G

NEW Bengue's Balsam

As an alternative for daytime use, New Bengue's Balsam presents the original therapy in a vanishing, stainless and greaseless base.

Packs and basic NHS costs

Bengué's Balsam and New Bengué's Balsam

½ oz. and 1 oz. tubes, 1 lb dispensing jars, basic NHS costs, 1/5½d, 2/3½d and 28/- respectively.

Bengué & Co Ltd

Mount Pleasant Wembley Middlesex

**BG 25** 

# the Value for Money

# YOUR CUSTOMER'S DEMAND IS MET BY

# "MARGO'S"

(REGD.)

# QUALITY PRODUCTS

All "Margo's" range of Toilet Preparations sell on sight and mean quicker — bigger profits for you



Exquisite perfume with a wonderful Talc texture.

Giant size—retails at 2/11d—your profit 10d per sale.



Finely perfumed, superfine and silk sifted.

Large size—retails at 1/6d—your profit  $7\frac{1}{4}d$  per tin. Giant size—retails at 2/11d—your profit 10d per tin. (Illustrated).





## BABY POWDER

Lightly perfumed Borated Superfine Talc, ideal for babies. Large size—retails at 2/0d—your profit approx.  $8\frac{1}{4}d$  per tin.



# LANOLIN HAND CREAM

Pleasantly perfumed, easily absorbed by the skin leaving the hands soft and lovely.

Standard size—retails at 1/3d—your profit 54d per bottle.

## HAIR LACQUER

Top quality perfumed Hair Lacquer in a unique spray dispenser. In high demand and Sachet Refills available.

Spray Dispenser—retails at 2/0d—your profit  $7\frac{1}{2}d$  per sale. (Illustrated).

Sachet Refills—retails at 1/0d —your profit 6<sup>3</sup>/<sub>4</sub>d per sachet.



#### TONIC HAIR CREAM

Contains pure emulsified oils with lanolin and cholesterol. Compares very favourably with much more expensive brands. Large size—retails at 1/6d—your profit 7½d per jar. Giant size—retails at 2/6d—your profit 11¼d per jar. (Illustrated).

ALCUM

POWDER



# OTHER "MARGO'S" PRODUCTS INCLUDE:-

Honeysuckle Talcum Powder (giant size) retails at 2/11d—your profit 10d per tin.

Egg and Lanolin Shampoo Sachets—retails at 4d—your profit approximately 13d per sachet, etc., etc., etc.

We have proved that quality Toilet Preparations can be manufactured at competitive prices and that the public in all income groups want value and are ready to support manufacturers' efforts

SEND YOUR ORDERS AND SALES ENQUIRIES TO THE MANUFACTURERS :-

# SIDNEY MARGOLIS LTD., Margo House, Hemp Row, London, S.E.17

Telephone: RODney 7461/2/3

Visit our showrooms and inspect the full range of "Margo's" Products.

# 'SILBE' INHALANT



RETAILS AT 8/40umake 3/PROFIT
37½% Discount

MANUFACTURED BY:-

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Telephone HATFIELD 3012

# Stock up with . . .



# SYNFOAM SUPER SPONGE

HONEYCOMB · ALL PURPOSE FULLY SYNTHETIC

STANDARD SIZE Retail Price 2/10 LARGE SIZE Retail Price 3/9 GIANT SIZE Retail Price 6/-USUAL DISCOUNTS

Each Sponge in a 3-coloured transparent sleeve. Each doz. in 4-coloured show carton. 12 doz. in cardboard box. Obtainable from YOUR USUAL WHOLESALER or contact:—

# FLETCHER & FARLOW LTD

Finsbury Court, Finsbury Pavement,
London, E.C.2 Tel: MONarch 6810

"SYNFOAM SUPER"
SELLS ON SIGHT!

# ANALGESICS

For many years we have been engaged in this field of manufacture with the result that we now offer the following, all of which, in their separate ways play an increasing and important part in the alleviation of suffering

ASPIRIN B.P.
PARACETAMOL PURE
SALICYLAMIDE PURE



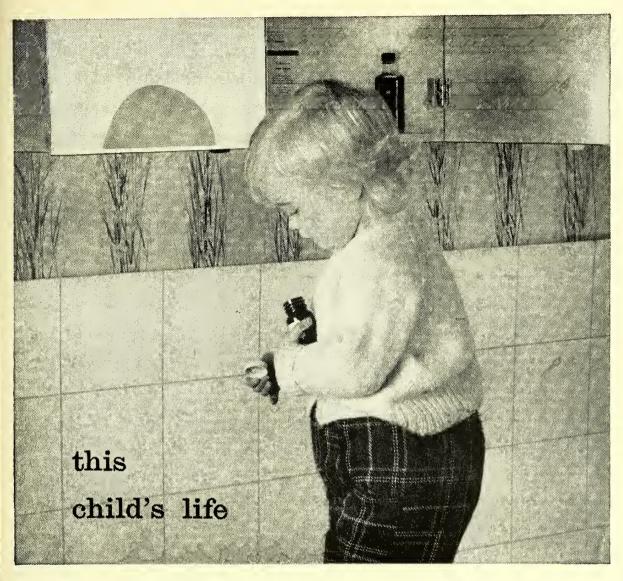


Quality and Service

We would welcome the opportunity of quoting our keenest prices and submitting samples.

GRAESSER SALICYLATES LIMITED SANDYCROFT, NR. CHESTER

Telephone: HAWARDEN 2125 Telegrames "QUALITY" CHESTER



# may depend on the safety of 'Distaval'

Consider the possible outcome in a case such as this—had the bottle contained a conventional barbiturate. Year by year, the barbiturates claim a mounting toll of childhood victims. Yet it is simple enough to prescribe a sedative and hypnotic which is both highly effective... and outstandingly safe. 'Distaval' has been prescribed for over three years in this country, where the accidental poisonings rate is notoriously high; but there is no case on record in which even gross overdosage with 'Distaval' has had harmful results.

# 'DISTAVAL'

## 'DISTAVAL'

25 mg, tablets

PACK	TRADE PRICE
Tube of 24	2s. 6d.
Bottle of 100	8s. 4d.
500	40s. 0d.
500	40s. 0d.
1,000	77s. 6d.

#### 'DISTAVAL' FORTE

100 mg. tablets

mg. laureus	
PACK	TRADE PRICE
Tube of 12	3s. 8d.
Bottle of 100	22s. 4d.
500	105s. 8d.
1,000	204s. 0d.



THE DISTILLERS COMPANY (Biochemicals) LIMITED Broadway House, The Broadway, Wimbledon, London, S.W.19 Telephone: LIBerty 6600 Owners of the trade mark 'Distaval'

**PPH** 20/60



Crude and Refined Injectable in bulk, ampoules and vials. Oral Tonics and concentrated pastes for oral preparations.

# INJECTIONS

# **TABLETS**

to B.P., B.P.C. and B.Vet.C. specifications or to private formulations.

Manufactured by

ANTIGEN LTD., ROSCREA,

REPUBLIC OF IRELAND

Please send enquiries to:

ANTIGEN LTD., 67 HIGH STREET,
BEXLEY KENT

TEL: CRAYFORD 24846



BOTANICALS CHEMICALS GUMS



ESSENTIAL OILS
SPICES
WAXES

# STROPHANTHIN-G

YORK

ATROPINE SULPHATE

AMBOR

STRYCHNINE ALKALOID

JOHN KELLYS (LONDON) LTD.

24 OLD BROAD STREET, E.C.2.

Telephone: LONdon Wall 6585 (4 lines) Telegrams: "Ergotine, Stock, London" Telex: 28760

# Now winter is upon us

# STOCK BESORBON BY THE DOZEN

Obtain the impulse selling counter unit free. In this cold ridden, catarrhal weather, it's bound to bring you extra business.

## **NOT A TOBACCO**

Besorbon is a purely medicinal snuff. It is scientifically formulated of safe and proven remedies. When you recommend Besorbon you recommend effective fast relief.

it's big selling for

# BESORBON

REGD. TRADE MAR

MEDICINAL SNUFF

KEMSALES LTD. · EASTCHEAP · LONDON E.C.3



Obtainable from Selected Wholesalers or:-

LEONARD McEWEN LTD

28-36 ORSMAN ROAD, KINGSLAND ROAD, LONDON, N.I. Tel.: SHOreditch 7754



Here's service from the House of Sutton-the name that guarantees you

**EXCELLENT 'PHONE ORDER SERVICE QUICK DELIVERIES** COMPREHENSIVE STOCKS

Why not write for full details today? Our Representative will call on request. We can meet all your requirements in

ETHICALS PROPRIETARIES PHARMACEUTICAL PREPARATIONS druggists sundries

LONDON

HORSESHOE LANE, ENFIELD, MIDDLESEX Enfield 5333 (Private Branch Exchange) Also ALBERT ROAD, NEWBURY, BERKS. Newbury 1461/2 You cannot do better than specify COCKER

# P.C.M.X. and D.C.M.X.

For many years we have been large-:cale manufacturers of these widely-used intermediates for which we should be pleased to receive your enquiries and to submit samples at your request.

In addition we should like to draw your attention to the undermentioned selection from our production of fine chemicals.

D.D.T. (and certain formulations)

Terpineol B.P. and Perfumery

Chlorxylenol fractions

Chlorinated Cyanuric Acids

Dichlorphenol

P.C.O.C.

Chloral Hydrate B.P.

Terpinolene

M.B.T.

M.B.T.S.

Benzylated-Cresylic-AcId

Chloral Anhydrous

Ortho Benzyl parachlorphenol

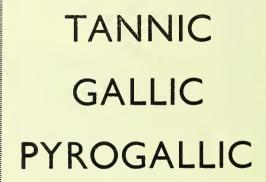
The finest of the fine from:

# COCKER CHEMICAL CO. LTD. (Dept. CD.)

OSWALDTWISTLE . LANCASHIRE

Telephone: Accrington 3621-3





All qualities

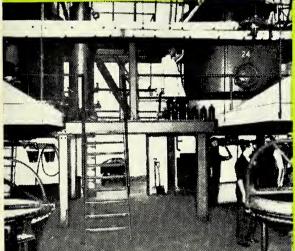
THE BRITISH DYEWOOD

CO LTD.

GLASGOW

# Your own products processed—the Ransom way

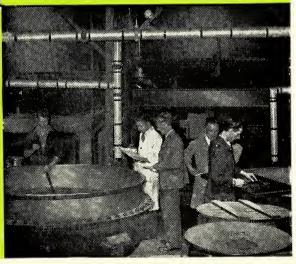




The benefits brought to you by the Ransom standards of processing are good for both your business and professional reputation. Send them your raw materials and the meticulous Ransom standards of quality and uniformity, born of over a century's experience, become a feature of your own processed materials. The Ransom service to the pharmaceutical industry also embraces the processing of proprietaries to your own formulas. This service is complete and carried out in the strictest confidence—from raw material to final packaging.

Here is your opportunity to share the enviable Ransom reputation—famous throughout the pharmaceutical industry. The House of Ransom serves the wholesale and manufacturing trades only and is an entirely self-contained family business—it is not connected with any other firm in the industry.

A line on your letter heading or trade card will be sufficient to bring you full details of Ransom's Trade Processing Service.





WILLIAM RANSOM & SON LTD.

HITCHIN · HERTFORDSHIRE · ENGLAND

# Sherry Shades

# A new fast-selling Color-Glo series

# Brown Sherry Light Sherry

These fascinating brown to amber shades, with such appealing and descriptive names, are certain to be enormously popular with all the thousands of women who want to improve and enrich the natural colour of their hair, without giving their hair an auburn or chestnut tone.

In addition, the Sherry Shades will conceal, absolutely naturally, a woman's early unwanted grey hairs.

# Dark-Brown Sherry Amber-Brown Sherry

The Sherry Shades are as simple to use as Standard COLOR-GLO, and the effects last through 6-8 shampoos. The Sherry Shades have their own separate advertising campaign in full colour appearing regularly. This campaign will be in addition to the heavy promotion of the existing nine popular COLOR-GLO shades, which will continue at its present high level.

> Sherry Shades now! Price 23/- per dozen bottles plus tax.

> > Retail 3/10 per bottle.

Nation-wide full colour advertising e still hesitant campaign for the air Colouring keiting news for y **Sherry Shades** now appearing regularly in WOMAN . WOMAN'S OWN DATE · WOMAN'S MIRROR HONEY • WOMAN'S REALM Color-Glo Sherry Shades Bright, eye-catching advertisements featuring the attractive Sherry Shades head as illustrated on the cartons, will dominate the pages of the most widely-read women's magazines.

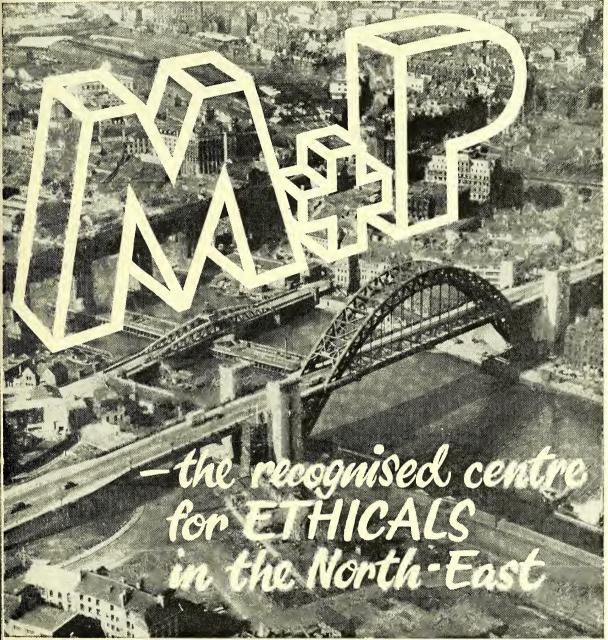
This impressive advertising campaign is care to read the action of the cartons. Order a full range of the

Your wholesaler has supplies or you can order direct from,

Hyde Park 1671 GOLDEN LIMITED, 7 Grosvenor Street, London W.1

sure to produce an immense demand.

for all chemists' specialities

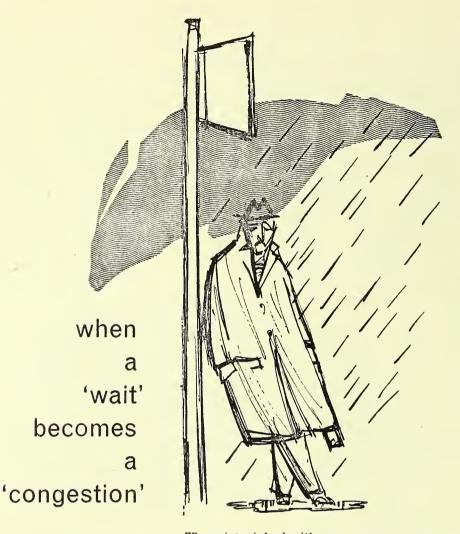


the SERVICE with a'PLUS'

MAWSON & PROCTOR
PHARMACEUTICALS LIMITED

Low Friar Lane, Newcastle-on-Tyne 1

Telephone 29751 (9 lines)



When winter is back with a vengeance, you can expect a throng of people 'n your shop with 'cold spell' symptoms . . . and prescriptions for karvol. Soothing decongestant KARVOL is the simplest, most effective treatment for upper respiratory tract congestion. KARVOL is easily expressed into hot water or onto handkerchief, pyjamas or pillow without fear of staining. The handy one-dose capsules fit easily into pocket or handbag . . . provide instant relief anywhere, night or day. Check your stocks now! They'll be wanted.



RETAIL PACKING—Bottle of 10 Capsules



THE CROOKES LABORATORIES LIMITED . PARK ROYAL . LONDON NW10





# ENORMOUS PUBLIC DEMAND FOR DUREX Gossamer

Sensitol\*
lubricant
gives supersensitivity

From the first day that DUREX Gossamer was introduced, the public have recognised that here was the super-sensitive protective they had been waiting for. Millions of established DUREX users have already changed to Gossamer. And—even more important—DUREX Gossamer has created an entirely new class of protective user... people who had never used protectives before.

This is the real DUREX Gossamer success story. Not only has it held existing customers at a higher rate of turnover, but it has created an enormous new market with previous nonusers to whom the ordinary protective is unacceptable.

No one could have foreseen the tremendous demand for a lubricated protective. The success of DUREX Gossamer has proved that it exists — and will grow week by week.

Make sure you get your share of this profitable business. Keep your stocks at a sufficient level to meet the growing demand, and display a shelf strip so your customers will know you sell DUREX Gossamer!

\*The secret of DUREX Gossamer is Sensitol—an exclusive "non-wet", "non-messy" lubricant discovery specially developed to increase sensitivity.

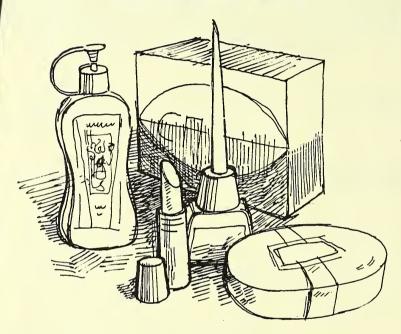


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## Great Advance in Aerosol Therapy for ASTHMA

PRESSURISED

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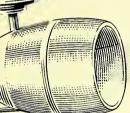
Asthma Inhalant provides an effective therapeutic dose within secondo

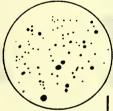
1 High Production of Utilisable Aerosol

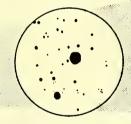
Obviously, particles of an aerosol are therapeutically useless if either:—(a) The particles are too large to pass into the respiratory bronchioles. (b) The particles are so small that they are swept back in the expired air. By Incorporation of a new and unique device, about 80% of the particles yielded by Pressurised Brovon

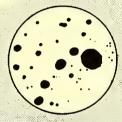
Inhalant are within the optimum range for penetration into the finest ramifications of the bronchial

tree, and absorption there.









Approximately 80% of the particles yielded by Pressurised Brovon Inhalant are utilisable—the highest proportion yet achieved in any aerosol therapy from a liquid inhalant.

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2 Pharmacological soundness

Pressurised Brovon Inhalant combines the rapid action of adrenaline with the slower but prolonged action of atropine, providing an antispasmodic combination with an immediate yet sustained action.

Visual check on contents of bottle

... so that the user has full warning when his inhalant is running low.

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An accurate metering device allows a measured quantity—and no more—to be emitted, and pressure must be released for a few seconds to allow the device to reset. Needless or unintentional over-dosage and waste are thus eliminated.

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The propellant is non-toxic, non-inflammable and stable. The bottle is very strong and, as an additional safeguard, is enclosed in a tough, shatterproof, plastic cover which prevents splintering of the bottle if broken.

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The complete unit is smaller than even a small hand-operated inhaler and can be carried inconspicuously in the handbag or pocket.

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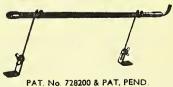
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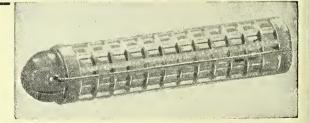
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